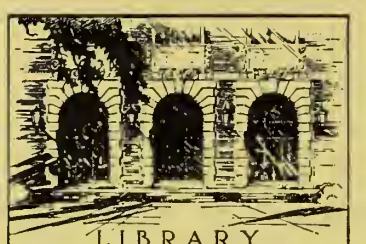


LIBRARY
OF THE
UNIVERSITY
OF ILLINOIS

551.05
UNNJ
1956-57

Digitized by the Internet Archive
in 2013

http://archive.org/details/climatologicalda6162unit_1

551.05
UN3
cop 1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

16

NEW JERSEY

JANUARY 1956
Volume LXI No. 1

ASHEVILLE: 1956

WEATHER SUMMARY

GENERAL

The most outstanding feature of January's weather in New Jersey was the continued precipitation deficiency, which has been the prevailing pattern during the past three months. Temperatures, for the State as a whole, averaged almost 1° below normal and snowfall was slightly below usual expectancy.

Following the driest December of record this month became the twelfth driest January since 1885, and it is interesting to remember that one year ago the State experienced the driest January since 1885. All stations having established normals showed negative departures, averaging about 1-1/3 inches below normal. Extreme monthly totals ranged from 1.23 inches at Canoe Brook to 4.56 inches at Clayton, which also reported the greatest daily amount, 1.97 inches on the 10th.

Snowfall over the State averaged slightly less than usual, with Clayton and Trenton 2 reporting 10.0 inches for the greatest monthly total, followed closely by 9.5 inches at Audubon.

In keeping with temperatures in January that averaged about 1° below normal, there were slightly more than the usual number of days on which the minimum dropped to freezing or below. There were 23 such days at Atlantic City WB and Cape May 3 W and 29 days at Charlotteburg and Newton. Individual station averages ranged from 26.1° at Layton 3 NW to 33.7° at Cape May 3 W, while extreme temperatures varied from -3° at Layton 3 NW on the 2nd to 59° at Millville CAA Airport on the 30th. A rather interesting sidelight concerning these extreme readings is that one year ago these same two stations occupied the same places with Layton 3 NW having a 1° lower reading, but the dates of these occurrences were exactly reversed.

Based on available reports, sunshine and daytime cloudiness did not depart too far from usual, except in the Atlantic City area where sunshine was less than usual and cloudiness was correspondingly greater than average.

WEATHER DETAILS

Subnormal temperatures that prevailed as December ended continued during the first two days of the new year. Rising temperatures and cloudy skies set in on the 2nd, with some light precipitation occurring rather generally over the State on the 3rd. Temperatures for the period 3rd to 6th averaged slightly above normal. Cold Arctic air began moving into the State on the 7th and maximum readings for the 8th were in the middle 20's.

Beginning on the 9th, the strong counterclockwise winds north of a large stationary low pressure system centered between the United States coast and Bermuda, drove warm, moist air over cold air at the surface and caused general precipitation over New Jersey with some freezing rain and sleet. This Atlantic low-pressure system moved slowly northward and the State received almost continuous light precipitation for the period 9th to 14th, and temperatures that averaged well above normal from the 9th to 13th.

Pressure movements during the remainder of January caused rather frequent fluctuations in temperature, with readings for the period 17th to 28th averaging slightly below normal. Precipitation occurrences on the 17th and 19th-20th were mostly in the form of light snow. Cold weather persisting at this time caused some snow to be held on the ground in some localities until near the month's end. The circulation around a storm that moved into the area from the Southwest raised temperatures over the State to about 10° above normal on the 30th, and precipitation which began as light sleet or snow early on the 29th changed into rain and continued falling until the afternoon of the 30th. Most stations reported a moderate amount for the two days. With the passage of a cold front late on the 30th, cold Arctic air became predominant, reducing temperatures on the 31st to just about normal as January ended.

WEATHER EFFECTS

Aside from some orchard pruning, outside farm activities during January were mostly limited to routine winter chores. The primary concern was the effect of the persistent droughty condition of the past several weeks. This dry condition retarded growth of small grains and pastures, but some relief was afforded by general precipitation that occurred from the 9th to 20th, which brought a protective cover of light snow from the 17th to 20th that remained on the ground in some areas for several days.

Although precipitation in January brought some relief, there is still a substantial moisture deficiency resulting from the prolonged dry weather. Small grains and pastures have shown some recovery, but are in need of warmer weather and sunshine for any material improvement.

DESTRUCTIVE STORMS

There were no severe storms in January, but glazing of roads and pavements from freezing rain and some sleet was general on the 9th, causing numerous accidents. There was also minor glazing on the 10th, 13th, and 29th.

FLOODS

None were reported during the month.

Franklin W. Long

551.02
U4N5
1956-57

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed: Fastest mile	Wind speed: Direction of fastest mile	Wind speed: Date of fastest mile	Relative humidity averages percent: 1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Number of days with precipitation: Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB CITY	-	-	17.6	54	NE	10	-	-	-	-	3	2	8	1	0	0	14	41	7.1
LONG BRANCH	NW	16	16.1	56	NW	30	-	76	68	67	3	4	7	1	0	0	15	48	6.3
NEWARK WB AIRPORT	NNW	22	14.4	33*	WNW	31	70	73	59	65	7	4	5	1	0	0	17	-	6.5
TRENTON WB CITY	-	-	11.4	30	NW	30	-	-	-	-	2	3	8	1	0	0	14	47	6.5

* This datum is obtained by visual observation since recording equipment is not available. It is not necessarily the fastest mile occurring during the period.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature: Average Maximum	Average Minimum	Average	Departure	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: .10 or More①	.50 or More	1.00 or More
ATLANTIC CITY WB	R	38.6	27.7	33.2	- 2.6	52	30	19	8+	978	0	2	23	0	2.87	- .91	.55	19	6.6	3	17	9	1	0
AUDUBON		39.1	25.5	32.3		54	30	15	1	1004	0	3	25	0	2.72		.52	29	9.5	5	20	10	1	0
BELLEPLAIN		39.3	21.5	30.4		52	30	5	28	1066	0	3	27	0	0 3.33	- .29			5.5					
BELVIDERE		36.8	21.7	29.3	- .8	49	10	6	2	1098	0	3	28	0	1.63	- 2.15	.49	30	3.5			6	0	0
BOONTON	AM	37.2	23.1	30.2	1.1	46	10+	5	2	1075	0	8	27	0	1.45	- 1.84	.49	31				4	0	0
BURLINGTON		39.7	24.4	32.1	- 2.5	52	30	10	22	1012	0	3	26	0	2.15	- 1.20	.45	11				7	0	0
CANOE BROOK	AM	38.9	21.7	30.3	1.2	52	11	3	2	1066	0	2	27	0	1.23	- 2.58	.46	12	2.4	2	20	5	0	0
CAPE MAY 3 W		38.8M	28.5M	33.7M		47	11	20	9	964	0	5	23	0	4.07									
CHARLOTTEBURG	AM	36.6	20.3	28.5	- .5	47	16+	1	2+	1125	0	10	29	0	1.90	- 1.89	.55	12	2.0	1	20	5	2	0
CHATSWORTH 5 S																								
CLAYTON		38.5	25.0	31.8		50	30	14	24	1022	0	5	26	0	4.56		1.97	10	10.0	8	20	10	2	1
ELIZABETH		40.4	25.3	32.9	- .2	48	10	13	2	990	0	2	26	0	1.98	- 2.17	.65	30	2.6	2	20	8	1	0
ESSEX FELLS SERV BLDG	AM	36.5	21.6	29.1		45	10+	5	2	1106	0	10	27	0	2.10		.54	12	1.0			8	2	0
FLEMINGTON 1 NE		38.9	22.2	30.6	- 1.3	48	6+	6	2	1059	0	4	27	0	1.88	- 1.48	.57	30	9.0	4	20+	6	1	0
FREEHOLD		38.3	23.5	30.9	- 2.1	54	30	10	2	1050	0	3	26	0	2.69	- .95	.68	10	5.8	4	20	8	2	0
HAMMONTON 2 NNE	AM	39.3	24.3	31.8	- 2.9	51	12	13	2+	1022	0	3	26	0	2.30	- 1.39	.60	10				7	1	0
HIGHTSTOWN 1 N		38.2M	24.0	31.1M	- 1.6	50	30	10	2	1036	0	5	26	0	2.37	- .91	.61	10	5.8	3	20+	8	2	0
INDIAN MILLS 2 W		38.4	22.9	30.7	- 3.1	55	30	6	28	1056	0	6	26	0	2.85	- .87	.57	10	8.0	4	20+	9	1	0
JERSEY CITY		36.5	26.4	31.5	- 1.4	46	10	11	2	1032	0	7	25	0	1.94	- 1.53	.60	30				6	1	0
LAKEWOOD 2 ENE		38.5	23.0	30.8	- 2.9	52	30	12	1+	1055	0	3	26	0	2.51	- 1.34	.52	10	7.2	5	20	9	1	0
LAMBERTVILLE		38.9	24.2	31.6	- .2	49	30	9	2	1029	0	2	25	0	2.39	- 1.05	.67	30	8.0	3	17+	8	1	0
LAYTON 3 NW		35.5	16.6	26.1	- .9	47	11	- 3	2	1200	0	10	28	1	1.70	- 1.21	.44	9				6	0	0
LEESBURG STATE FARM	AM	38.5	23.8	31.2		52	31	10	28	1044	0	5	26	0	2.89		.85	10				7	2	0
LITTLE FALLS WATER CO	AM	39.2	24.3	31.8	.5	48	10+	7	2	1024	0	1	26	0	1.95	- 1.80	.64	12	1.2	1	3	7	1	0
LONG BRANCH		37.3	25.4	31.4	- 1.9	53	30	16	24	1037	0	4	26	0	2.32	- 1.61	.50	30	6.0	4	20+	8	1	0
LONG VALLEY		37.1	21.2	29.2		46	10+	6	2	1103	0	7	28	0	0 2.15	- 1.46	.47	30	3.0			9	0	0
MILLVILLE CAA AIRPORT		38.5	23.4	31.0		59	30	9	28	1049	0	6	27	0	2.98		.90	10	8.4	4	17+	12	1	0
MOORESTOWN		37.9	25.0	31.5	- 1.7	52	30	14	2	1034	0	7	27	0	2.62	- .61	.72	11	4.5	4	20+	6	1	0
MORRIS PLAINS		37.8	23.4	30.6		45	16	6	2	1058	0	6	27	0	1.87		.51	30	2.6			7	1	0
NEWARK WB AIRPORT	R	38.1	25.8	32.0	.5	47	10	12	2	1013	0	3	27	0	1.50	- 2.10	.58	30	2.4	2	20	6	1	0
NEW BRUNSWICK EXP STA		39.1	24.5	31.8	- .8	48	30+	11	2	1022	0	2	26	0	2.22	- 1.16	.65	30	2.5	2	20+	9	1	0
NEWTON	AM	34.0	20.1	27.1	- .8	45	10+	2	2	1169	0	14	29	0	1.73	- 1.37	.33	12+	6.0	5	17	6	0	0
PATERSON	AM	39.0M	26.2M	32.6M	.7			11	2	998	0	2	25	0	1.43	- 2.25	.65	12	.5	T	3+	4	1	0
PEMBERTON 3 E		39.8	22.8	31.3	- 3.1	55	30	8	28	1038	0	3	25	0	3.23	- .09	.65	10	8.0	6	20	9	3	0
PHILLIPSBURG		38.8	24.8	31.8	1.4	49	10+	9	2	1022	0	5	26	0	2.11	- 1.76	.74	30		4	17		1	0
PLAINFIELD		38.9	25.2	32.1	- .1	47	10	10	2	1015	0	3	25	0	2.25	- 1.43	.65	30	2.5	2	20	8	1	0
PLEASANTVILLE 1 N	AM	38.5	21.8M	30.2M	- 4.0	51	31	10	28	1070	0	4	25	0	2.50	- 1.39	.55	20		4	20	7	2	0
RIDGEFIELD		38.3	25.3	31.8	.6	46	9+	10	2	1022	0	5	27	0	2.17	- 1.55	.72	30	.8	T	1+	6	2	0
RUNYON		40.7	23.3	32.0	1.2	51	30	4	2	1014	0	1	27	0	2.98	- .68	.65	30				9	1	0
SANDY HOOK		37.7	28.2	33.0	- .6	51	30	17	2	986	0	3	24	0	2.04	- 1.18	.46	9	2.8	2	20	9	0	0
SOMERVILLE		38.9	24.5	31.7	.2	47	6+	9	2	1024	0	3	25	0	1.87	- 1.48	.60	30	3.6	1	17	7	1	0
SUSSEX 3 N		34.7	21.1	27.9	- .3	45	9+	2	2	1142	0	12	28	0	1.75	- 1.75	.50	30				6	1	0
TRENTON 2		38.4	24.5	31.5		50	30	11	2	1035	0	2	27	0	3.28	- .47	.58	10	10.0	4	20+	10	2	0
TRENTON WB CITY	R	38.0	26.1	32.1	- .5	52	30	14	2	1014	0	6	26	0	2.43	- .73	.52	30	7.9	4	17+	9	1	0
TUCKERTON 2 SW	AM																							
WOODSTOWN 2 NW	AM	38.8	24.4	31.6		50	12	13	25+	1027	0	3	27	0	D 3.31		1.08	30	4.0	4	17			1
AVERAGE				31.0											2.37				5.0					

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
JANUARY 1956

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB R	2.07								T	.24	.30	.32	.26	.12	T		.30	.49		.33	.15			T						.24	.33	
AUDUBON	2.72									.29	.46	.35	.18	.14	T			.29		.15	.10									.52	.42	
BASS RIVER ST FOREST	2.00			T						.10	.80	.34	.20	.10	.02			.49		T	.48									.19	.29	T
BELLEPLAIN D	8.33									.12	.80	.43	.20	.16	0.05			0.38			0.20									*	1.08	
BELMAR	3.87			.82						1.02	.86	.02	.43	.10						.05	1.02									.03	.02	
BELVIDERE	1.03	T		.05	.02					.27	.12	.07	.27	.11				.11		T	.60			T						.04	.49	
BERLIN 1 W	2.66									.15	.50	.32	.15				T	.25			.42		T							T	.32	.48
BOONTON	1.45			.07	T	T				.02	.14	.08	.39	.00	.01			.02			.04									T	.15	.49
BRANCHVILLE	2.03			T	.11					T	.47	.08	.28	T	.08			.48			.64	.04								.03	.07	.43
BURLINGTON	2.13	.02		T	T					.16	.43	.49	.23	.12	T			.33		T	.30									.30	.08	
CANISTEAR RESERVOIR	1.93	T	T	.00	.03					.10	.31	.11	.38	.00	T			.00			T	T								T	.17	.40
CANOE BROOK	1.23			.12						.02	.13	.02	.46	.11	.80			.01			.38									T	.22	
CANTON	1.76									T	.30	.18	.16		T			.39			.43										.27	.03
CAPE MAY 3 W	4.07							T		*	*	1.46	1.95	.13	.03			.36	.01	.01	.44		.08							.03	.17	
CEDAR GROVE	-			.05						-	-	-	-	-	-						.08	T									.23	.17
CHARLOTTEBURG	1.00		T	.00	.05					.12	.23	.10	.35	.00	.03			.01			.05	T			7					T	.09	.81
CHATHAM	1.00			.00						.12	.22	.03	.40	.14	.00			.01			.03									T	.23	.90
CHATSWORTH 5 S		RECORD MISSING																														
CLAYTON	4.38			T						.15	1.07	.31	.18	.23	T			.57		.10	.44									.41	.23	
CLINTON	1.50			.02						.08	.04	.05	.24	.15				.12			.08									.12	.84	
DEEPWATER	-									.00	.10	.11	-	-				-		.08	.02									.17	.08	
ELIZABETH	1.08	T		.15						.18	.15	.15	.35	.21	.01			T			.02			.01						.10	.89	
ELIZABETHPORT	1.83			.12						.24	.11	.16	.28	.06	T			T			.11									.14	.01	
ESSEX FELLS SERV BLDG	2.10			.04						.12	.29	.10	.54	.14				T			.14									T	.20	.53
FLEMINGTON 1 NE	1.88	T		.02	T					.15	.03	.05	.40	.25	T	T		.30		.01	.15			T						.19	.57	
FREEHOLD	2.69			.10						.15	.88	.27	.20	.08	T			.03			.25									.19	.62	
GREENWOOD LAKE	1.96		.01	.05	.00					.20	.18	.00	.00	.08	.03			.02			.01				T					.02	.04	.54
HAMMONTON 2 NNE	2.30										.80	.45	.05	.02	.12	.01		.29			.45									.13	.02	.20
HIGHTSTOWN 1 N	2.37			.02						.14	.81	.16	.22	.15	T	T		.00	T		.20			T						.18	.00	
INDIAN MILLS 2 W	2.85			T						.15	.57	.34	.21	.13	T			.30		.00	.44									.30	.32	
IRVINGTON	1.54			.00						.07	.10	.13	.36	.08				.01			.04									.20	.48	
JERSEY CITY	1.94	T		.15					T	.30	.11	.02	.47	.05	.01			T			.85			T						.18	.00	
LAKEWOOD 2 ENE	2.31	T								.20	.32	.36	.18	.05	T		T	.13		.20	.22			T						.21	.44	
LAMBERTVILLE	2.39	T		.02						.27	.30	.00	.27	.18	.02			.12			.29									.20	.37	
LAYTON 3 NW	1.70	.03		.15						.44	.05	.04	.20	.15							.13									.02	.49	
LEESBURG STATE FARM	2.80									T	.88	.40	.22	.00	.14	.03		.37			.54									.02	.23	.03
LITTLE FALLS WATER CO	1.05	.01	.01	.11	.01					.10	.19	.08	.64	.17	.02			T			.02			T						.02	.29	.36
LONG BRANCH	2.32			.14					T	.28	.42	.17	.17	.03	.01			.07		.00	.28			T						.17	.30	
LONG VALLEY D	2.13			.20						.12	.20	.04	.31	.11	.05			0.20			0.18									.35	.47	
MACOPIN INTAKE	1.61		T	.09						.14	.18	.07	.48	.00				.01			.03			T	T					.32	.10	.32
MANVILLE	2.21									.22	.19	.18	.47	.11	.02					T										.38	.64	
MARLTON 1 W	2.75									.10	.59	.48	.28	.11	.01			.12		.10	.30									.33	.45	
MAYS LANDING	2.50									.10	.02	.29	.08	.07	T			.37		.00	.38									.16	.09	.02
MIDLAND PARK	2.05	.01		.11						.30	.14	.03	.80	.17				T			.01			T						*	.80	
MILLVILLE	2.22									.21	.67	.18	.12	.07	.02		.12	.16		.32	.12									.23		
MILLVILLE CAA AIRPORT	2.98									.28	.00	.33	.17	.12	.11		.20	.15		.24	.14									.22	.12	
MILTON	2.64		.05	.30	.00					.15	.43	.12	.48	.14				.12			.10									.33	.20	.42
MOORESTOWN	2.62									T	.37	.72	.39	.62	.00			.08			.38										.48	.22
MORRIS PLAINS	1.87	T		.00						.11	.21	.13	.26	.25	.02	T		.03			.07			T						.17	.51	
NEWARK WB AIRPORT R	1.50			.00					.01	.08	.05	.10	.21	.11							.12									.18	.58	
NEW BRUNSWICK EXP STA	2.22			.13	T					.16	.20	.12	.30	.20	T			.02			.18									.20	.08	
NEW MILFORD	2.21			.14						.48	.11	.16	.34	.00																.14	.52	.04
NEWTON	1.73	.02		.00	.01					.32	.22	.03	.33	.07	.01			.02			.19			T						.01	.19	.33
OAK RIDGE RESERVOIR D	2.22	0.05	.03	.04	.10					.24	.29	.11	.50	.11	.01			.08			.03	.01	T	.03						.02	.14	.43
ORANGE	1.76			.10						.05	.12	.01	.48	.21																	.71	
PATERSON	1.48		.01	.02	.01					.05	.20	.08	.05	.20	.01			T			T	T			T						T	.22	
PEMBERTON 3 E	3.23									.11	.65	.59	.22	.12				.81			.51									.36	.40	
PHILLIPSBURG	2.11			.04						.15	*	*	.22	.07				.35		T	.26			T						.28	.74	T
PHILLIPSBURG BRIDGE	-			T						-	-	-	-	.13	.02	.06	.03	.18			.02										.30	.18
PLAINFIELD	2.28	T		.14						.26	.12	.00	.43	.20	.01			.31			.16			T						.16	.65	
PLEASANTVILLE 1 N	2.50									T	.52	.33	.58	.07	.12			.10	T		.59									T	.28	.04
PRINCETON WATER WORKS	2.58			.04						.18	.48	.23	.29	.11	T			.15		.04	.23									.26	.32	
RAHWAY	1.00			.10						.20	.00	.00	.30	.17				T		T	.10									.16	.59	
RIDGEFIELD	2.17	.01		.14					T	.12	.23	.04	.00	.20	T	T		.01		T	.02									.03	.72	
RINGWOOD	2.06	.01		.12	.01					.21	.24	.00	.63	.15				.01			.02			T						.02	.42	.13
RUNYON	2.08			.15						.30	.36	.35	.40	.24							.36									.17	.68	
SANDY HOOK	2.04			.20						.46	.24	.12	.23	.14				T			.20			T						.16	.29	
SOMERVILLE	1.87			.05						.10	.03	.04	.38	.18	.02			.10			.13									.22	.00	
SPLIT ROCK POND	1.58		.01	*	.12					.08	.21	.03	.40	.11				.03			.03									.04	.08	.44
SUSSEX 3 N	1.79	T		.02						.41	.07	.13	.30	.10				.19			.02									.03	.50	T
SWEDESBORO 5 NW	1.84			7						T	.32	.27	.11	.01	.01			.00			.32									.13	.36	.03
TOMS RIVER	2.87									.23	.25	.30	.26	.21				.18			.68									.18	.39	
TRENTON 2	3.28	T		.03						.21	.58	.33	.27	.10	T	T		.41		.16	.27									.29	.87	
TRENTON WB CITY R	2.43	T		.02						.14	.38	.25	.23	.05	.01	T		.22		.22	.13									.26	.52	
TUCKERTON 2 SW		RECORD MISSING																														
VINELAND	2.72										.51	.55	.35	.04	.13			.36			.56										.22	
WANAQUE RAYMOND DAM	1.03			.12	.02					.12	.24	.13	.57	.12	T			.01			.02			T						.02	.14	.43
WESTFIELD	2.02			.14						.13	.10	.00	.31	.13							.11									.20	.61	
WOODCLIFF LAKE	2.06			.12						.38	.12	.18	.56	.02																.10	.58	
WOODSTOWN 2 NW D	3.31									.01	.35	.40	.19					0.40			*									.02	1.08	

See Reference Notes Following Station Index

Table 5

DAILY TEMPERATURES

NEW JERSEY
JANUARY 1956

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	42	40	43	45	46	38	33	27	42	44	40	42	39	35	42	39	36	30	34	34	34	43	37	32	35	33	34	23	42	52	41	38.6
	MIN	25	21	36	34	32	29	26	19	20	40	39	39	33	30	32	30	28	25	26	28	22	24	24	19	20	21	19	22	32	35	29	27.7
AUDUBON	MAX	39	39	43	45	44	48	35	26	44	47	45	44	39	36	42	44	36	41	34	33	35	42	35	32	34	32	34	26	37	54	38	30.1
	MIN	15	19	24	30	34	25	24	17	17	43	30	38	33	27	31	28	25	20	25	25	22	21	25	20	21	10	20	20	24	33	28	25.5
BELLEPLAIN	MAX	38	39	40	30	44	45	34	33	42	47	45	42	43	34	39	45	40	38	37	34	38	43	41	30	33	31	31	37	40	52	43	39.3
	MIN	9	12	32	20	30	15	22	13	22	40	41	42	34	24	27	20	23	20	20	22	14	12	22	10	10	14	10	9	18	31	32	21.5
BELVIDERE	MAX	35	31	35	35	30	41	35	20	42	49	46	43	40	34	30	44	36	40	33	32	37	42	34	33	37	34	33	26	33	23	41	36.8
	MIN	18	6	25	29	24	21	18	12	13	40	30	37	31	24	27	24	25	10	18	20	12	19	23	16	13	15	16	12	22	29	27	21.7
BOONTON	MAX	32	31	32	37	41	43	41	32	37	46	46	41	43	37	32	41	45	35	36	34	32	35	42	32	32	26	33	32	37	35	45	37.2
	MIN	19	5	8	28	28	27	21	14	15	37	38	30	35	21	26	30	29	23	19	20	20	22	26	18	19	16	17	18	19	30	29	23.1
BURLINGTON	MAX	37	30	38	45	44	48	40	32	45	47	46	44	41	35	43	51	35	46	37	31	34	30	39	33	34	35	33	36	35	52	45	39.7
	MIN	10	14	29	27	33	28	23	15	17	42	39	38	32	27	30	28	24	24	21	24	19	10	24	16	17	16	18	17	21	34	31	24.4
CANOE BROOK	MAX	31	33	30	36	43	44	45	39	30	48	52	47	46	38	34	43	46	36	48	34	36	38	43	33	33	35	34	33	37	37	44	38.0
	MIN	17	3	11	26	28	25	14	14	15	34	39	38	34	26	26	22	26	23	20	21	19	21	22	18	18	13	16	0	18	29	29	21.7
CAPE MAY 3 W	MAX	38	41	43	41	42	40	37	34			47	42	39		37	41	40	37	38	35	45	41	38	30	31	32	31	32	42	46	45	38.8
	MIN	20	22	36	30	34	32	28	21	20			37	34		29	26	30	29	28	28	26	32	28	24	25	24	26	23	28	28	31	26.5
CHARLOTTEBURG	MAX	30	28	28	40	44	41	40	20	33	44	43	39	40	34	31	47	47	40	36	34	30	39	40	37	30	32	31	29	36	38	44	36.6
	MIN	18	1	1	27	27	23	19	12	12	32	37	36	32	23	23	27	25	10	19	19	17	21	25	15	15	13	13	10	11	30	26	20.3
CHATSWORTH 5 S	MAX																																
	MIN																																
CLAYTON	MAX	34	36	42	45	43	44	35	33	40	47	45	42	40	37	42	42	39	38	34	32	32	40	38	31	31	30	37	34	38	50	42	38.5
	MIN	16	15	31	32	33	29	24	17	18	39	41	40	28	29	31	26	27	19	23	27	17	21	19	14	16	18	16	17	25	36	31	25.0
ELIZABETH	MAX	33	31	37	46	46	45	34	31	46	48	47	44	43	36	46	47	39	44	38	37	37	45	35	37	41	39	37	38	35	45	45	40.4
	MIN	23	13	23	31	32	26	25	16	18	43	40	40	34	28	30	25	30	25	20	25	19	19	21	18	19	17	18	17	24	35	30	25.3
ESSEX FELLS SERV BLDG	MAX	31	28	30	35	40	36	32	31	34	45	45	43	41	40	39	41	45	35	35	34	35	40	43	32	32	35	31	32	31	37	42	36.5
	MIN	16	5	10	29	30	24	14	15	11	34	39	38	34	30	25	25	28	22	18	20	12	16	28	15	17	12	12	15	20	28	28	21.6
FLEMINGTON 1 NE	MAX	31	33	37	44	43	48	40	30	45	48	46	44	41	34	43	47	40	40	36	32	33	40	37	33	34	33	32	36	35	46	46	38.0
	MIN	18	6	24	25	32	26	16	14	11	40	39	39	34	26	29	20	26	22	19	23	17	14	21	14	13	14	15	14	19	30	29	22.2
FREEHOLD	MAX	36	33	38	42	44	41	33	29	42	46	44	42	41	34	42	43	36	40	34	32	34	42	35	33	35	33	31	35	37	54	45	38.3
	MIN	12	10	25	31	32	24	20	14	17	41	38	38	33	26	29	24	28	23	21	24	15	18	25	14	14	14	15	14	25	34	29	23.5
HAMMONTON 2 NNE	MAX	39	40	36	45	46	45	46	34	33	48	45	51	43	38	38	40	44	35	40	32	34	41	42	35	32	34	33	32	37	36	45	39.3
	MIN	17	13	28	32	32	27	21	17	19	34	40	38	34	28	31	26	26	20	23	25	15	19	28	15	13	16	14	14	19	38	30	24.3
HIGHTSTOWN 1 N	MAX	36		36	43	44	42	34	30	43	46	45	43	41	34	42	41	35	41	35	32	34	40	36	32	33	32	31	34	35	50	46	38.2
	MIN	19	10	26	30	30	24	21	15	17	42	39	39	34	26	30	24	28	24	21	23	15	18	26	17	14	14	17	15	22	34	30	24.0
INDIAN MILLS 2 W	MAX	37	36	45	45	44	46	33	31	43	47	44	43	40	34	38	43	37	39	33	31	33	41	35	30	32	31	31	34	38	55	42	38.4
	MIN	15	8	29	29	34	26	18	16	17	42	30	38	31	27	31	21	25	24	19	25	17	10	21	15	16	16	16	6	17	34	29	22.9
JERSEY CITY	MAX	28	30	36	40	43	36	31	27	45	46	43	42	39	34	42	41	35	39	33	30	36	42	33	36	33	32	35	32	35	42	36	36.5
	MIN	20	11	28	32	31	27	20	18	20	43	39	38	33	27	31	33	26	24	24	24	22	28	25	21	25	19	20	22	28	33	26	26.4
LAKEWOOD 2 ENE	MAX	36	38	41	43	45	41	34	26	45	47	42	42	38	35	42	45	36	42	34	31	34	43	36	33	35	33	32	36	39	52	38	38.5
	MIN	12	12	33	28	29	19	19	16	18	42	39	38	32	28	29	23	26	24	21	25	17	17	19	16	15	17	12	12	20	35	20	23.0
LAMBERTVILLE	MAX	36	37	37	44	43	48	35	31	46	48	45	43	42	35	43	45	37	40	33	33	36	42	35	33	34	33	32	35	35	49	42	38.9
	MIN	21	9	27	28	33	26	20	16	17	43	39	39	34	27	30	23	26	25	18	24	19	14	26	18	17	17	14	11	23	34	31	24.2
LAYTON 3 NW	MAX	32	27	35	35	40	42	31	29	41	43	47	42	40	31	40	45	35	35	33	30	34	40	33	30	30	31	30	36	35	34	34	35.5
	MIN	4	-3	16	28	22	18	11	6	10	35	36	37	28	20	25	17	17	17	16	17	5	15	17	7	9	4	6	5	15	30	24	16.6
LEESBURG STATE FARM	MAX	34	39	41	40	41	44	40	34	33	40	49	42	42	40	36	42	44	33	39	34	33	32	40	36	30	31	31	32	36	43	52	38.5
	MIN	16	14	24	26	29	21	21	18	18	33	40	40	34	28	32	23	28	24	25	27	19	19	26	13	12	20	13	10	20	35	29	23.8
LITTLE FALLS WATER CO	MAX	33	31	33	37	38	46	43	33	38	48	47	44	44	41	38	46	48	36	42	36	33	38	45	33	36	37	36	34	37	38	45	39.2
	MIN	20	7	13	28	30	26	20	15	17	36	39	38	34	26	27	31	30	24	21	24	22	23	28	19	20	16	17	18	21	33	30	24.3
LONG BRANCH	MAX	34	39	39	42	42	37	33	27	43	45	40	41	39	34	42	42	33	40	34	30	34	40	35	32	34	33	32	33	35	53	36	37.3
	MIN	21	19	34	31	30	26	24	18	21	41	38	38	32	28	30	25	27	25	22	25	18	20	21	16	17	19	19	17	25	34	25	25.4
LONG VALLEY	MAX	36	29	36	45	42	42	30	25	43	46	44	41	39	32	46	43	36	39	33	30	35	41	36	33	35	32	33	31	34	42	39	37.1
	MIN	16	6	19	25	30	22	19	14	12	41	37	37	30	22	26	23	23	21	19	21	18	17	23	15	17	12	14	8	17	32	22	21.2
MILLVILLE CAA AIRPORT	MAX	39	41	42	45	44	47	34	27	44	48	44	42	39	35	40	45	34	38	34	33	31	41	36	29	30	30	31	34	40	59	38	38.5
	MIN	13	16	28	27	30	20	20	17	19	43	40	37	32	27	30	23	27	23	22	25	18	16	18	15	13	17	13	9	27	35	24	23.4
MOORESTOWN	MAX	37	36	42	44	43	49	34	25	46	46	43	43	38	36	39	44	34	39	32	30	33	41	35	30	31	31	31	37	36	52	37	37.9
	MIN	20	14	32	30	32	24	21	17	18	43	40	36	32	28	31	27	26	25	23	24	19	18	21	18	19	17	18	18	23	34	27	25.0
MORRIS PLAINS	MAX	32	29	38	44	42	44	38	24	43	44	44	42	41	32	42	45	41	36	35	32	34	43	41	34	35	34	32	35	34	37	44	37.8
	MIN	19	6	20	27	33	27	21	11	14	42	38	37	32	24	27	29	26	22	21	22	18	18	25	17	18	15	19	17	20	32	28	23.4
NEWARK WB AIRPORT	MAX	30	30	36	43	44	40	35	27	45	47	44	44	40	35	45	45	37	40	34	33	36	43	35	35	36	34	34	34	37	46	38	38.1
	MIN	16	12	27	32	31	25	20	17	22	42	48	39	31	28	31	29	26	25	25	24	21	26	22	19	21	19	22	21	26	34	27	25.8
NEW BRUNSWICK EXP STA	MAX	35	34	35	43	44	42	35	31	44	47	46	45	42	35	43	43	39	44	37	34	35	41	38	33	35	34	32	34	35	48	48	39.1
	MIN	22	11	24	25	30	27	22	15	17	42	39	39	34	21	29	26	29	24	22	23	17	19	27	17	18	17	20	17	23	34	30	24.5
NEWTON	MAX	29	24	27	34	36	39	38	27	29	45	45	40	41	33	30	38	42	32	34	31	29	33	40	28	30	31	30	31	33	34	41	34.0
	MIN	18	2	8	25	30	23	18	11	11	29	38	37	32	23	23	29	24	20	17	19	8	15	18	15	15	14	16	13	17	30	26	20.1
PATERSON	MAX	35	29	34	38	38	44	41	35	39	47	48	44	44	41	38	45	48	37	40	35	32	42	44	35	35	37	36	35	37	38		39.0
	MIN	23	11	16	32	32	28	28	17	18	38	40	39	37	27	30	33	32	24	23	24	22	26	32	20	21	18	18	22	24	38		26.2
PEMBERTON 3 E	MAX	40	37	44	46	47	45	37	34	44	46	45	43	42	37	42	43	39	39	35	33	33	42	37	31	32	33	32	34	40	55	47	39.8
	MIN	17	13	28	30	34	20	21	15	18	42	30	39	33	27	30	23	26	22	18	23	14	14	24	12	12	11	12	8	20	33	30	22.8
PHILLIPSBURG	MAX	35	33	35	43	43	44	40	34	44	49	48	49	43	35	42	43	44	40	31	32	31	41	40	31	35	34	32	35	36	39	43	38.8
	MIN	23	0	26	36	31	26	20	19	14	41	37	38	30	27	28	26	25	25	21	22	25	19	22	18	18	17	20	17	24	34	30	24.8
PLAINFIELD	MAX	35	31	36	44	45	45	36	26	46	47	45	45	40	35	45	46	39	42	35	33	37	42	32	35	39	37	36	36	35	44	38	38.9
	MIN	19	10	23	32	33	27	23	16	18	43	40	39	35	27	29	24	30	24	22	24	19	18	24	18	20	17	20	18	24	35	29	25.2
PLEASANTVILLE 1 N	MAX	34	39	40	38	45	45	40	35	34	47	46	42	43	37	35	40	42	34	39	32	33	32	42	27	31	34	38	32	37	40	51	38.5
	MIN	15	13	23	25	25	18	17		18	33	38	38	33	28	28	20	22	20	21	25	16	13	19	14	14	17	14	10	14	35	29	21.8
RIDGEFIELD	MAX	30	30	37	42	44	41	32	30	46	46	43	42	40	37	46	46	37	40	35	32	37	45	33	36	38	35	37	37	36	38	59	38.3
	MIN	13	10	26	31	32	26	22	18	18	41	39	38	31	27	31	32	26	23	22	25	21	25	21	19	20	18	19	17	27	35	30	25.3
RUNYON	MAX	38	36	37	43	46	46	40	32	44	47	44	46	42	40	47	45	42	45	36	35	36	43	36	37	37	36	37	37	35	51	46	40.7
	MIN	21	4	25	31	31	23	17	15	22	42	42	41	31	27	30	25	30	24	18	18	15	10	18	16	15	15	16	14	19	36	30	23.3

See Reference Notes Following Station Index

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
SANDY HOOK	MAX	32	31	36	39	40	38	34	28	43	44	42	42	40	36	40	42	36	42	35	35	35	30	35	36	35	35	33	36	37	51	42	37.7
	MIN	21	17	30	33	35	28	27	20	20	41	39	39	31	29	33	32	32	28	29	25	23	23	28	18	25	21	23	27	30	36	32	28.2
SOMERVILLE	MAX	36	31	37	46	45	47	37	29	46	47	46	44	40	37	43	45	37	40	36	32	36	41	34	36	36	35	34	37	35	45	40	38.9
	MIN	16	9	24	27	33	27	22	14	17	44	39	40	37	26	29	24	28	24	21	29	19	17	24	17	16	15	16	15	28	35	28	24.5
SUSSEX 3 N	MAX	26	25	33	34	41	38	29	32	45	45	43	40	38	31	36	43	35	34	30	27	32	39	33	30	31	30	29	33	33	40	41	34.7
	MIN	13	2	20	30	30	22	17	11	11	40	37	36	30	23	20	28	24	18	16	18	16	21	20	14	16	10	16	16	25	31	24	21.1
TRENTON 2	MAX	36	35	38	45	44	45	36	26	45	46	45	43	40	35	44	43	35	40	33	32	35	42	35	33	35	34	33	34	37	50	37	38.4
	MIN	18	11	28	31	32	27	22	15	18	43	39	38	32	27	30	25	26	23	21	24	18	20	21	15	18	16	19	18	23	33	28	24.5
TRENTON WB CITY	MAX	35	34	38	44	43	46	35	25	47	47	44	44	38	35	43	43	36	39	33	31	35	41	35	32	32	32	31	33	37	52	37	38.0
	MIN	21	14	31	35	32	27	20	15	21	44	39	37	31	29	32	29	26	26	24	24	21	23	22	18	20	18	21	21	26	34	29	26.1
TUCKERTON 2 SW	MAX																																
	MIN																																
WOODSTOWN 2 NW	MAX	35	35	35	37	38	40	46	38	38	48	47	50	41	40	30	40	46	35	38	36	35	36	42	40	36	31	30	39	37	48	44	38.8
	MIN	19	15	27	28	29	25	28	21	19	38	42	39	30	25	24	24	24	22	25	25	16	20	26	20	13	13	16	14	30	35	24	24.4

Table 7

SNOWFALL AND SNOW ON GROUND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	SNOWFALL								T						T			3.4		2.7	.5			T						T		
	SN ON GND														T			3	1	T	2	2	2	1	1	1	T	T	T	T		
BELVIDERE	SNOWFALL	T		T						T								2.5		T	1.0			T						T		
	SN ON GND																	-	-	-	-	-										
CHARLOTTEBURG	SNOWFALL			.5														T			1.0	T			T					.5		
	SN ON GND			T														T			1	T			T					T		
CLAYTON	SNOWFALL									T					T			4.5		.5	5.0									T		
	SN ON GND														T			4	4	4	8	6	5	4	4	4	4	3	1	T		
FLEMINGTON 1 NE	SNOWFALL	T													T	T		4.0		.5	4.0			T						.5		
	SN ON GND	T																3	2	2	4	4	2	2	2	2	2	2	1	1	1	T
FREEBOLD	SNOWFALL									T					T			.6			4.8									.4		
	SN ON GND																	T			4	3	2	2	2	2	2	2	1	T		
HIGHTSTOWN 1 N	SNOWFALL														.2			1.7			3.4			T						.5		
	SN ON GND																	1	T	T	3	3	1	1	1	1	1	1	1	1		
INDIAN MILLS 2 W	SNOWFALL														T			3.2		.9	3.9									T		
	SN ON GND																	2	T	1	4	4	3	2	2	2	2	2	2	1		
LAKEWOOD 2 ENE	SNOWFALL	T												T	T			1.9		2.8	2.5			T						T		
	SN ON GND														T			2	1	3	5	4	4	3	2	2	2	2	2	2		
LONG VALLEY	SNOWFALL			T														2.0			1.0										T	
	SN ON GND																	-			-											
MILLVILLE CAA AIRPORT	SNOWFALL									T				T	1.1		2.0	1.5		2.4	1.4									T		
	SN ON GND									T				T	1			4	2	1	4	2	2	1	1	1	1	1	1	1		
MOORESTOWN	SNOWFALL									.2					T						4.3											
	SN ON GND									T											4	4	3	2	2	1	1	1	T	T	T	
MORRIS PLAINS	SNOWFALL	T		.6						T					.1	T		.5			1.4			T						T		
	SN ON GND			-														-			-											
NEWARK WB AIRPORT	SNOWFALL			.3																	2.0									.1		
	SN ON GND																				2	1										
	WTR EQUIV																				.1											
NEW BRUNSWICK EXP STA	SNOWFALL														T			T			2.5									T		
	SN ON GND																				2	2	T	T	T	T	T	T	T	T		
NEWTON	SNOWFALL																	5.0			1.0											
	SN ON GND																	5	3	2	3	3	2	1	1	1	1	1	1	1		
PATERSON	SNOWFALL		.1	.3	.1					T								T			T	T			T					T	T	
	SN ON GND			T	T																											
PEMBERTON 3 E	SNOWFALL																	3.5			4.5											
	SN ON GND																	4	2	2	6	5	3	2	2	2	2	2	2	1		
PLAINFIELD	SNOWFALL	T		.2											.1			.1			2.0			T						.1		
	SN ON GND			T											T						2	1	1	1	T	T	T	T	T			
RIDGEFIELD	SNOWFALL	.1		.3											T	T		.1		T	.3									T		
	SN ON GND	T	T	T	T													T			T											
SOMERVILLE	SNOWFALL														.2			1.5			1.7									.2		
	SN ON GND																	1														
SUSSEX 3 N	SNOWFALL	T								.3								-														T
	SN ON GND									-								5	5	5	4	4	2									
TRENTON WB CITY	SNOWFALL	T													.1			3.5		2.5	1.5									.3		
	SN ON GND	T		T											T			4	3	1	4	4	3	1	1	1	T	T	T	T		

STATION INDEX

Station	Index No.	County	Drainage	Latitude	Longitude	Elev. (ft.)	Time of observation: Zone	Time of observation: Temp.	Time of observation: Precip.	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Observer	Refer to tables
ALLENDALE	0100	BERGEN	PASSAIC	41 02	74 08	270	EST		MIO				BERGEN COUNTY ENGINEERS	C
# ATLANTIC CITY WB	0325	ATLANTIC	COASTAL	39 22	74 25	8	EST	MID	MIO	82	82		U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	DELAWARE	39 54	75 04	50	EST	11P	11P		6		IRVIN J. NYGREN	2 3 5
BASS RIVER STATE FOREST	0528	BURLINGTON	COASTAL	39 37	74 26	20	EST		6P		9		N. Y. FORESTRY SERVICE	3
BELLEPLAIN	0690	CAPE MAY	COASTAL	39 16	74 52	49	EST	5P	5P	61	61		MRS. EO C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	COASTAL	40 10	74 02	19	EST		MID		14		CITY WATER DEPT	3
BELVIDERE	0729	WARREN	DELAWARE	40 50	75 05	289	EST	5P	5P	63	63		MISS C. S. HIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	MULLICA	39 48	74 57	150	EST		7A		14		SAMUEL H. MC CULLEY	3
BOONTON	0907	MORRIS	PASSAIC	40 54	74 24	280	EST	8A	8A	47	65		JERSEY CITY WATER WORKS	2 3 5
BRANCHVILLE	0978	SUSSEX	DELAWARE	41 09	74 47	570	EST		7A				ALBERT M. DAVENPORT	3
BRIDGETON 2 SSE	1028	CUMBERLAND	DELAWARE	39 24	75 13	25	EST	9A	9A	67	72		DR. WOLF'S AGRI LABS	CLOSED 9/55
BURLINGTON	1211	BURLINGTON	DELAWARE	40 04	74 53	12	EST	6P	6P	43	69		PUBLIC SERVICE E & G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	PASSAIC	41 07	74 30	1040	EST		8A		15		NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	PASSAIC	40 45	74 21	180	EST	9A	9A	25	25	25	COMMONWEALTH WATER CO	2 3 5 6
CANTON	1343	SALEM	DELAWARE	39 28	75 25	8	EST		9A		9		GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	COASTAL	38 56	74 57	17	EST	5P	5P	30	67		NORTHWEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	PASSAIC	40 52	74 13	400	EST		8A		15		J. A. PLUNKETT	3
CENTERTON	1512	SALEM	MAURICE	39 31	75 10	80	EST		MID				JOHN HOPKINS UNIVERSITY	C
CHARLOTTEBURG	1582	PASSAIC	PASSAIC	41 03	74 26	760	EST	7A	7A	63	63		NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MORRIS	PASSAIC	40 44	74 23	185	EST		8A		51		EDWARD P. MOLITOR	3
CHATSWORTH S S	1598	BURLINGTON	COASTAL	39 44	74 32	90	EST	5P	5P	15	15		WILLIAM S. HAINES	2 3 5 7
CLAYTON	1708	GLOUCESTER	MAURICE	39 39	75 06	120	EST	6P	6P	42	62		HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	RARITAN	40 38	74 55	300	EST		6P		12		L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	DELAWARE	39 41	75 30	12	EST		MIO		15		DU PONT DE NEMOURS CO	3
ELIZABETH	2644	UNION	COASTAL	40 40	74 14	33	EST	5P	5P	76	76		UNION CO PARK COMMISSION	2 3 5
ELIZABETHPORT	2652	UNION	PASSAIC	40 39	74 12	30	EST		MID		16		SEWAGE TREATMENT PLANT	3 C
ESSEX FELLS SERVICE BLDG.	2768	ESSEX	PASSAIC	40 50	74 18	250	EST	8A	8A	7	7		BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	RARITAN	40 31	74 51	134	EST	5P	5P	58	69		DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	DELAWARE	39 14	75 10	5	EST		5P		11		F. A. RODENBAUGH	INACTIVE 10/55
FREEHOLD	3181	MONMOUTH	RARITAN	40 15	74 17	194	EST	6P	6P	51	51		FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	DELAWARE	39 42	75 07	150	EST		MID				PROF. J. B. SANGREE	C
GREENWOOD LAKE	3516	PASSAIC	PASSAIC	41 09	74 20	660	EST		7A		13		WATER SUPPLY COMMISSION	3
HACKENSACK	3572	BERGEN	HACKENSACK	40 53	74 03	10	EST		MID				BERGEN COUNTY ENGINEERS	C
HAMMONTON 2 NNE	3662	ATLANTIC	MULLICA	39 39	74 48	85	EST	8A	8A	23	49		W. HUBBARD PARKHURST	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	RARITAN	40 16	74 31	100	EST	8P	8P	59	62		JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STATION	3956	MERCER	RARITAN	40 17	74 32	75	EST		MID				DEPT WATER AND SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	MULLICA	39 48	74 47	100	EST	7P	7P	65	66		EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	COASTAL	40 43	74 15	120	EST		MID		16		JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	COASTAL	40 44	74 04	135	EST	MID	MID	57	57		JERSEY CITY WATER DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	COASTAL	40 06	74 11	54	EST	MID	MID	51	51		GEORGE G. WADDILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	DELAWARE	40 22	74 57	75	EST	6P	6P	68	68		E. E. CASE	2 3 5
LAYTON 3 NW	4735	SUSSEX	DELAWARE	41 15	74 51	480	EST	6P	6P	54	54		A. M. DEPUE	2 3 5
LEESBURG STATE FARM	4762	CUMBERLAND	MAURICE	39 14	74 58	10	EST	8A	8A	5	5		CHARLES L. CALDWELL	2 3 5
LITTLE FALLS WATER CO	4887	PASSAIC	PASSAIC	40 53	74 14	157	EST	9A	9A	41	52		PASSAIC VALLEY WATER CO	2 3 5 C
LONG BRANCH	4987	MONMOUTH	COASTAL	40 18	74 00	34	EST	MID	MID	47	47		STORM WARNING DISPLAY STA	2 3 5 C
LONG VALLEY	5003	MORRIS	RARITAN	40 48	74 46	660	EST	6P	6P	25	25		ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	DELAWARE	39 58	74 48	25	EST		MID				JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	PASSAIC	41 01	74 24	1020	EST		9A		15		NEWARK WATER DEPT	3
MANVILLE	5197	SOMERSET	RARITAN	40 33	74 34	50	EST		MID		15		JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	COASTAL	40 20	74 14	120	EST		MID				GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	DELAWARE	39 54	74 57	90	EST		6P		14		DAVID GRISCOM	3
MAYS LANDING	5346	ATLANTIC	GREAT EGG HARBOR	39 27	74 44	50	EST		5P		11		ELMER EARLE	3
MIDLAND PARK	5503	BERGEN	PASSAIC	40 59	74 09	210	EST		MID		9		CORNELIUS HOWARD	3
MILLVILLE	5576	CUMBERLAND	MAURICE	39 24	75 03	60	EST		MID		15		L. J. GALLAHER	3 C
MILLVILLE CAA AIRPORT	5581	CUMBERLAND	MAURICE	39 22	75 04	68	EST	MID	MID	9	9		CIVIL AERO. ADM.	2 3 5 7
MILTON	5597	MORRIS	PASSAIC	41 01	74 32	950	EST		7A		15		JERSEY CITY WATER WORKS	3
MOORESTOWN	5728	BURLINGTON	DELAWARE	39 58	74 58	55	EST	MID	8A	92	92		H. J. WILLARD	2 3 5 7
MORRIS PLAINS	5769	MORRIS	PASSAIC	40 50	74 30	500	EST	4P	4P	10	14		JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	COASTAL	40 42	74 10	11	EST	MID	MID	56	101		U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXPERIMENT STA	6062	MIDDLESEX	RARITAN	40 28	74 26	80	EST	5P	5P	98	101		ARTHUR H. AHLQUIST	2 3 5 7
NEW MILFORD	6146	BERGEN	HACKENSACK	40 57	74 02	12	EST		MID		37		HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	DELAWARE	41 03	74 45	565	EST	8A	8A	72	72		C. M. WHEELER	2 3 5 7
OAK RIDGE RESERVOIR	6460	PASSAIC	PASSAIC	41 02	74 30	870	EST		8A		15		NEWARK WATER DEPT	3
ORANGE	6560	ESSEX	PASSAIC	40 47	74 14	140	EST		MID		15		COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	PASSAIC	40 55	74 09	100	EST	8A	8A	85	84		P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	DELAWARE	39 58	74 38	60	EST	5P	5P	26	26		CHARLES A. DOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	DELAWARE	40 41	75 12	182	EST	3P	3P	64	72		SEWAGE DISPOSAL PLANT	2 3 5
PHILLIPSBURG BRIDGE	6979	WARREN	DELAWARE	40 42	75 12	196	EST		9A		16		JOINT TOLL BRIDGE COMM	3
PLAINFIELD	7079	UNION	RARITAN	40 36	74 25	120	EST	8P	8P	64	67		S. K. PEARSON	2 3 5 7
PLEASANTVILLE 1 N	7131	ATLANTIC	COASTAL	39 25	74 31	8	EST	8A	8A	32	57	32	ATLANTIC CITY WATER WKS	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	RARITAN	40 19	74 40	90	EST		MID		7		PRINCETON WATER CO	3
RAHWAY	7393	UNION	RAHWAY	40 36	74 15	20	EST		MID		16		RAHWAY VLY SWG AUTH	3 C
RIDGEFIELD	7545	BERGEN	HACKENSACK	40 50	74 01	80	EST	MID	MID	38	38		GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	PASSAIC	41 08	74 16	305	EST		10A		15		NO JERSEY WATER SUPPLY	3
RUNYON	7825	MIDDLESEX	COASTAL	40 26	74 20	18	EST	6P	6P	31	32	32	N. J. WATER COMMISSION	2 3 5 6
SANDY HOOK	7869	MONMOUTH	COASTAL	40 28	74 01	22	EST	7P	7P	57	57		U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSET	RARITAN	40 34	74 37	75	EST	6P	6P	69	72		W. E. HAVER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	PASSAIC	40 58	74 28	800	EST		10A		15		JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	COASTAL	40 43	74 18	–	EST		MID				N. J. DEPT OF CONSERVA.	C
SUSSEX 3 N	8644	SUSSEX	HUDSON	41 14	74 35	530	EST	6P	6P	57	60		BRICE B. STANTON	2 3 5 7
SWEDESBORO 5 NW	8685	GLOUCESTER	DELAWARE	39 47	75 24	10	EST		NOON		9		SUN OIL CO	3
TOMS RIVER	8816	OCEAN	COASTAL	39 57	74 14	10	EST		5P		34		ROBERT F. SNYDER	3
TRENTON 2	8878	MERCER	DELAWARE	40 14	74 46	105	EST	MID	MID	25	25		E. H. RISTOW	2 3 5
# TRENTON WB CITY	8883	MERCER	DELAWARE	40 13	74 46	56	EST	MID	MID	83	83		U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8899	OCEAN	COASTAL	39 35	74 22	45	EST	8A	8A	56	61		VERNON W. MOTT	2 3 5
VINELAND	9135	CUMBERLAND	MAURICE	39 29	75 00	110	EST		8A	61	75		ROBERT JONES	3
WANAQUE RAYMOND DAM	9187	PASSAIC	PASSAIC	41 02	74 18	320	EST		8A		15		WATER SUPPLY COMMISSION	3 C
WATCHUNG	9271	UNION	PASSAIC	40 40	74 25	–	EST		MID				BONNIE BURN SANITARIUM	C
WESTFIELD	9455	UNION	RAHWAY	40 39	74 21	135	EST		5P		16		TOWN ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	HACKENSACK	41 01	74 03	103	EST		MID		36		HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	9910	SALEM	DELAWARE	39 40	75 20	16	EST	6A	6A	9	19		CHARLES CLARK	2 3 5
NEW STATIONS														
GREAT MEADOWS	3416	WARREN	DELAWARE	40 53	74 55	560	EST		MID				EDWARD KOWALICK	C

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Long-term means for full-time Weather Bureau stations (those shown in the Station Index as United States Weather Bureau Stations) are based on the period 1921-1950, adjusted to represent observations taken at the present location.

- \- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entr,
- \+ And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- Θ Data in the column formerly headed No. of Days .01 or more have been changed to No. of Days .10 or more effective January 1, 1954.
- \# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C Data for recorder stations denoted by "C" are processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the Annual issue of Hourly Precipitation Data.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
- T Trace, an amount too small to measure.
- Y Includes total for previous month.

Additional information regarding the climate of New Jersey may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC., Asheville, N. C. --- 3/8/56 --- 775

1.05
NNJ
p.1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

FEBRUARY 1956
Volume LXI No. 2

ASHEVILLE: 1956

THE LIBRARY OF THE
MAY 5 1958
UNIVERSITY OF ILLINOIS

NEW JERSEY - FEBRUARY 1956

WEATHER SUMMARY

GENERAL

In contrast to the past three months, February was warmer and wetter than usual, but snowfall was considerably less than usual.

This month ranked among the warmest Februarys since 1885. The number of days on which the minimum temperature was freezing or below ranged from 9 such days at Atlantic City WB to 28 days at Boonton, Canoe Brook and Long Valley. Individual station averages varied from 30.6° at Layton 3 NW to 39.4° at Cape May 3 W, while extreme temperatures ranged from 5° at Flemington 1 NE on the 24th and Layton 3 NW on the 4th and 24th to 64° at Long Branch on the 25th.

This month was one of the wettest in New Jersey since 1885. In sharp contrast to January, all stations having long-term averages showed positive departures which in most cases were well above usual expectancy. The greatest monthly total was 8.69 inches at Clayton, while the least was 1.45 inches at Belmar. Clayton also reported the greatest daily amount, 1.91 inches on the 25th. Snowfall averaged 3.1 inches which was about 5 inches less than is usually expected in New Jersey during February. The greatest monthly total of 7.5 inches occurred at Long Valley and Macopin Intake.

Based on available reports, the percentage of sunshine was less than usual expectancy, which was reflected in the greater than usual daytime cloudiness.

WEATHER DETAILS

The month opened with temperatures just about normal on the 1st, but a slight rise which began on the 2nd continued through the 3rd with readings a few degrees above normal. Cooler air moved across the State on the 3rd and temperatures on the 4th dropped to slightly below normal in most areas.

A prolonged period of above normal readings began on the 5th and continued through the 16th, with daily average temperatures as much as 10° or more above normal on several days during the period in most areas. The remainder of the month was marked by rather frequent fluctuations in temperature with alternating periods of cold and warmth. The coldest weather during this period was the 21st to 24th, while the warmest was the 25th to 27th. With the passage of a cold front on the 28th cold air again prevailed lowering temperatures to slightly below normal as the month ended.

Pressure patterns that controlled the State's weather during February caused rather frequent occurrences of precipitation, with measurable amounts being reported on about one-half of the days during the month. There were few dates on which heavy amounts occurred, but many stations reported over an inch on the 18th. Snowfall accounted for very little of the month's precipitation, with the heaviest fall occurring at most stations on the 17th which was generally between one and two inches. The length of time that snow lay on the ground during the month was of very short duration, being generally from one to two days.

WEATHER EFFECTS

Precipitation during February was welcomed in most areas and soil moisture conditions improved considerably. Prevailing conditions were quite beneficial to fall seeded grains. Farm work during the month was relatively limited, except for the usual chores connected with dairy and poultry farms. Wet fields interfered with early plowing in some areas, but generally farm work was abreast with the amount usually accomplished by the end of February.

DESTRUCTIVE STORMS

On the 25th, a cold front passage caused minor statewide damage. Large store windows, trees, and wires were broken. At least one large building collapsed, and many roofs were partially stripped. Property damage was estimated at $90,000, with $15,000 of this amount reported as being to trees.

FLOODS

There were none reported during the month.

Franklin W. Long

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed: Fastest mile	Wind speed: Direction of fastest mile	Wind speed: Date of fastest mile	Relative humidity averages - percent: 1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Number of days with precipitation: Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB	-	-	15.6	49	SW	25	-	-	-	-	8	3	5	4	0	0	20	48	6.8
LONG BRANCH	NW	16	15.2	62	NW	25	-	73	67	69	3	3	8	2	2	0	18	53	6.5
NEWARK WB AIRPORT	WNW	17	11.0	40*	W	25	72	75	61	67	8	2	7	2	1	0	20	-	6.9
TRENTON WB CITY	-	-	9.8	43	W	25	-	-	-	-	4	6	5	2	1	0	18	46	6.7

* This datum is obtained by visual observation since recording equipment is not available. It is not necessarily the fastest mile occurring during the period.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long-term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Long-term Mean	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: .10 or More①	.50 or More	1.00 or More
ATLANTIC CITY WB	R	45.2	33.2	39.2	3.8	55	10+	15	22	741	0	0	9	0	3.58	.23	.67	6	.6	1	17	9	4	0
AUDUBON		45.7	29.9	37.8		63	25	16	22	781	0	1	18	0	4.95		1.06	18		1	17	10	5	1
BELLEPLAIN				M											4.52	1.52	.93	2				10	3	0
BELVIDERE		41.9	26.1M	34.0M	2.8	57	26	12	22	891	0	1	26	0	5.32	2.29	1.07	18	4.5			11	4	2
BOONTON	AM	41.1	24.2	32.7	3.4	51	26+	13	22	932	0	1	28	0	4.34	1.77	1.02	7				10	3	1
BURLINGTON		46.3	28.2M	37.3M	2.5	62	25	14	22+	807	0	0	20	0	5.43	2.69	1.17	18	T	0		12	4	1
CANOE BROOK	AM	42.8	23.1	33.0	3.7	59	26	11	1	920	0	2	28	0	5.26	2.44	1.60	18	3.9	2	17+	9	3	2
CAPE MAY 3 W		46.1M	32.7M	39.4M		58	25+	21	24	734	0	0	14	0	3.21				T	0				0
CHARLOTTEBURG	AM	40.0	21.5	30.8	1.6	55	26+	10	22+	987	0	5	27	0	4.44	1.42	1.33	7	6.9	2	28	8	3	1
CHATSWORTH 5 S																								
CLAYTON		45.4	30.6	38.0		61	25	17	22+	777	0	0	14	0	8.69		1.91	25	.5	T	17+	10	6	4
ELIZABETH		45.3	28.1	36.7	3.5	61	25	14	22	814	0	0	21	0	6.65	3.59	1.68	18	4.0	1	17	11	5	2
ESSEX FELLS SERV BLDG	AM	41.2	24.2	32.7		58	26	11	22	930	0	2	24	0	4.00		.98	7	6.0	3	17+	9	4	0
FLEMINGTON 1 NE		43.8	24.9	34.4	2.1	62	25	5	24	883	0	2	26	0	4.77	2.14	1.53	18	6.6	2	17	10	2	1
FREEHOLD		44.5	28.2	36.4	3.6	62	25	12	22	822	0	1	20	0	6.03	3.08	1.55	18	2.5	1	17	11	6	1
HAMMONTON 2 NNE	AM	47.4	28.5	38.0	3.6	62	29	12	22+	778	0	3	23	0	5.29	2.23	1.00	3+				9	5	2
HIGHTSTOWN 1 N		44.2	28.3	36.3	3.6	61	25	14	22	826	0	1	21	0	4.62	2.03	1.24	18	1.7	1	17	9	4	1
INDIAN MILLS 2 W		45.3	27.1	36.2	2.4	62	25	7	24	828	0	1	19	0	4.88	1.96	1.29	18	1.3	T	17+	9	4	1
JERSEY CITY		40.7	29.9	35.3	2.6	58	25	15	22	857	0	5	17	0	3.49	.73	.95	6				12	1	0
LAKEWOOD 2 ENE		45.0	26.1	35.6	2.2	63	25	8	24	847	0	1	22	0	6.52	3.42	1.55	18	2.0	2	17	13	5	1
LAMBERTVILLE		44.0	27.1	35.6	3.3	60	25	13	22+	844	0	1	22	0	4.77	2.18	1.13	18	1.0	1	17	11	4	1
LAYTON 3 NW		40.3	20.9	30.6	4.2	54	26	5	4+	991	0	5	27	0	4.83	2.55	.95	18	7.1	3	4	10	3	0
LEESBURG STATE FARM	AM	47.3	29.7	38.5		58	16	14	24	759	0	0	21	0	3.84		.85	7	T	0		9	3	0
LITTLE FALLS WATER CO	AM	43.9	26.7	35.3	3.8	60	26	13	22	856	0	1	24	0	4.41	1.48	1.06	18	4.5	2	17+	9	2	2
LONG BRANCH		43.0	29.1	36.1	3.2	64	25	14	22	832	0	1	19	0	6.71	3.34	1.50	18	2.2	2	17	12	4	2
LONG VALLEY		41.5	23.8	32.7		56	25	10	22+	933	0	2	28	0	4.38	1.52	1.06	18	7.5			10	4	1
MILLVILLE CAA AIRPORT		46.6	28.4	37.5		61	25	13	24	791	0	0	21	0	4.13		.87	6	T	T	17	8	5	0
MOORESTOWN		44.3	29.0	36.7	3.5	61	25	15	24	812	0	2	20	0	5.27	2.70			1.1	1	17			
MORRIS PLAINS		43.0	25.1	34.1		58	25	12	22+	889	0	1	25	0	4.72		1.22	18	5.8			12	3	1
NEWARK WB AIRPORT	R	43.0	29.0	36.0	4.3	61	25	14	22	833	0	2	19	0	4.47	1.26	1.23	18	2.4	1	17	10	3	1
NEW BRUNSWICK EXP STA		45.0	28.4	36.7	4.1	61	25+	13	22	812	0	1	19	0	5.09	2.49	1.25	18	1.5	1	17	11	4	1
NEWTON	AM	39.7	22.0	30.9	2.8	56	26	9	24	986	0	3	27	0	4.21	1.70	.93	7	7.0	4	28	11	3	0
PATERSON	AM	43.3	27.3	35.3	3.3	60	26	12	22	852	0	2	22	0	6.36	3.46	1.88	7	3.0	1	17+	9	4	2
PEMBERTON 3 E		46.9	26.1	36.5	2.3	62	25	11	24	817	0	0	26	0	5.79	3.17	1.49	18	1.5	1	17	10	5	1
PHILLIPSBURG		45.0	28.9	37.0	6.1	60	25	13	22	807	0	0	18	0	5.85	2.85	1.29	18	6.7	2	2+	13	6	1
PLAINFIELD		43.4	27.7	35.6	3.2	60	25	13	22	848	0	1	24	0	5.16	2.32	1.28	18	3.8	2	17	12	4	1
PLEASANTVILLE 1 N	AM	46.9	25.5	36.2	2.4	60	16	9	24	825	0	1	23	0	3.84	.59	.75	7	2.7	3	17	8	4	0
RIDGEFIELD		43.2	27.7	35.5	4.2	58	25	14	22	849	0	2	21	0	4.09	1.20	.78	6	6.0	3	28	10	3	0
RUNYON		45.4	25.3	35.4	4.4	62	25	9	1+	850	0	0	26	0	5.32	2.45	1.27	18				12	5	1
SANDY HOOK		42.4	31.5	37.0	4.0	60	25	14	22	809	0	2	13	0	5.56	3.06	1.39	18	1.7	2	17	10	4	1
SOMERVILLE		42.8	26.6	34.7	2.8	60	25	12	24	872	0	2	24	0	4.76	2.12	1.20	18	3.1	1	17	10	6	[illegible]
SUSSEX 3 N		39.8	24.1	32.0	2.9	57	25	10	22	953	0	4	27	0	3.65	.91	.67	18		5	28	10	[illegible]	0
TRENTON 2		43.9	28.3	36.1		60	25	13	22	832	0	1	21	0	5.23	2.37	1.22	18	.3	T	17+	11	[illegible]	[illegible]
TRENTON WB CITY	R	43.3	30.7	37.0	4.3	61	25	15	22	806	0	2	16	0	4.81	2.06	1.14	18	2.0	1	17	8	[illegible]	
TUCKERTON 2 SW	AM																							
WOODSTOWN 2 NW	AM																							
AVERAGE				35.5											4.96				3.1					

DAILY PRECIPITATION

Table 3

NEW JERSEY
FEBRUARY 1956

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
ATLANTIC CITY WB R	3.58		.58	.01	.62		.67	.14		T		.33	T		T	.01		.31	.53		T	T	T		.15	.17		T	.06	T		
AUDUBON	4.95		.84		.42		.76			T		.33			T	.12		.60	1.06						.12	.50		T	.20			
BASS RIVER ST FOREST	4.36		.63	.37	.32	T	.34	.58		.04		.45	.07			.12		.48	.58		T	T	T		.15	.17		T	.06	T		
BELLEPLAIN	4.52		.93		.54		.50	.40		.05		.47						.40	.40						.40	.30			.13			
BELMAR	1.45		.02		.08		.15					.50						.06	.14						.22	.14		.02	.10			
BELVIDERE	5.32		.84		.26		.43	1.06				.25	.13			.12		.20	1.07				.01		T	.39		T	.56			
BERLIN 1 W	5.36		T	.80		.50		.85					.62					T	1.62	.42							.30		.25	T		
BOONTON	4.34		.07	.63		.23		1.02					.40				.08	.11	.51	.43		T				.32	.21		.33	T		
BRANCHVILLE		RECORD MISSING																														
BURLINGTON	5.43		.92		.45	.10	.62	.31				.30	.60			.10		.16	1.17						T	.30			.36	.04		
CANISTEAR RESERVOIR	4.08		.07	.54	T	.26		.95			.03		.27				.12	.07	.58	.42	T					.23	.18		.35	.01		
CANOE BROOK	5.26		.02	.90		.24		1.06					.17				.06	.14	1.60							.36	.26		.45			
CANTON	3.60		.29	.49		.37		.75			.01	.10	.33			.11	.02	.12	.66							.20	.06		.09	T		
CAPE MAY 3 W	3.21		.18	.54	.56	.04	*	.64				.29	.02			.02	.01	.12	.28		.07	T				.25	.16		.03			
CEDAR GROVE	4.21			.35		.40		1.12											.16	1.15		.05				.25	.19		.54			
CHARLOTTEBURG	4.44		.06	.64				1.33	.01				.39			T	.07	.12	.72	.36	T	T				.29			.41	.02		
CHATHAM	4.83		T	.64		.27		1.10					.21			T	.06	.20	.65	.45						.38	.35		.49	.03		
CHATSWORTH 5 S		RECORD MISSING																														
CLAYTON	8.69		1.24		1.23		.94	.34				.18	.72	T	T	T		.15	1.82						T	1.91	T		.16	T		
CLINTON	5.19		.68	T	.18	.06	.40	.65				.13	.08			.12	T	.21	1.20							.93			.55			
DEEPWATER	1.64		.27		.13		.13					.11				.09		.62				T			.10	.19						
ELIZABETH	6.65	.01	.55	.04	.09	1.25	.38	.82				.18	.10			.08		.25	1.68				T			.34	.18		.70			
ELIZABETHPORT	4.84		.62		.15	.10	.92	.12				.24	.02			.09		.24	1.29		T				.20	.23		.10	.52			
ESSEX FELLS SERV BLDG	4.00			.55		.24		.98					.50					.22	.62	T						.38	.12		.39			
FLEMINGTON 1 NE	4.77		.77	T	.22	.02	.49	.45		T	.01	.10	.02			.10		.12	1.53			T	T			.46			.48	T		
FREEHOLD	6.03		.84		.48		.45	.52				.60	.10		T	.10		.20	1.55		.01					.58			.60			
GREENWOOD LAKE	4.36	.01	.05	.65		.25		1.04	T				.28				.08	.05	.40	.70	.01	.01				.22	.15		.41	.05		
HAMMONTON 2 NNE	5.29		.09	1.00		.53		.90					.70				.02	.32	1.00	.15						.34	.05		.19			
HIGHTSTOWN 1 N	4.62		.77	.03	.29		.55	.33		T		.23	.03			.09		.15	1.24		T	T		T	T	.40			.51	T		
INDIAN MILLS 2 W	4.88		.80	T		T	.56	.30		T		.62	.06		T	.23		.27	1.29		T	T	T		T	.38			.37	T		
IRVINGTON	4.98		.08		.80	.05	1.08	.12				.20				.09		.12	1.33		.02				.22	.35		.08	.44			
JERSEY CITY	3.49		.35		.30		.95	.16				.27	.07			.10		.15	.20		.03				.11	.30		.37	.13			
LAKEWOOD 2 ENE	6.52		.73		.46	.03	.99	.16		T		.97	.04		T	.14		.35	1.55		.01	T	T	T	.15	.11	.13	.15	.55	T		
LAMBERTVILLE	4.77		.74		.22	.19	.50	.42				.16	.07		T	.12	.01	.19	1.13						T	.42			.60			
LAYTON 3 NW	4.83		.49		.33	.05	.74	.36				.29	T			.20		.17	.95		.05					.30	T		.90			
LEESBURG STATE FARM	3.84		.15	.66	.03	.46		.85				.14	.33			.02	.06	.14	.55	.05		T	T		T	.27	.06		.07			
LITTLE FALLS WATER CO	4.41		.07	.42		.19	T	1.01					.38			T	.07	.13	1.06	.07	.01					.32	.21		.47			
LONG BRANCH	6.71		.79		.48	.01	1.03	.13		T		.92	.05		T	.10		.33	1.50		.02	T			.15	.38		.33	.49			
LONG VALLEY	04.38		.57		.24		.65	.32				.25	.06			.10		0.25	1.06							.50			.38			
MACOPIN INTAKE	4.39		.14	.52		.27		1.08					.43			T	.05	.12	1.02	.04	.01	T				.34	.04		.33			
MANVILLE	5.62		.67	.11	.24		.84	.17							T	.10		*	2.23						.14	.31		.06	.75			
MARLTON 1 W	5.47		.81	.06	.43	.07	.53	.36		T		.41	.09		.01	.15		.40	1.22						T	.56			.37			
MAYS LANDING	4.11		.70	.1	.33	.10	.80	.15		.01		.40	.07			.02		.25	.68						T	.40	.10					
MIDLAND PARK	4.40		.63	.02	.18	.01		1.01					.41			.06		.06	1.17		.01					.49			.35			
MILLVILLE	3.74		.64	.01	.46		.69	.06				.64				.07		.28	.56				T		.21	.04		.02	.06			
MILLVILLE CAA AIRPORT	4.13		.70	.01	.52	T	.87	.02		.08		.81		T		.06		.18	.57						.15	.10		.01	.05			
MILTON	4.80			.78	.06	.18		.98			.03	.10	.25				.15	.30	.16	.91						.32	.15		.43			
MOORESTOWN	5.27		.09	.72	*	.41		.91					.40			T	.14	.22	*	1.44		T		T		.20	.36		.37	.01		
MORRIS PLAINS	4.72		.61		.12	.14	.20	.80		T		.23	.11			.06		.19	1.22		T	T	T	T		.42	.18		.44			
NEWARK WB AIRPORT R	4.47		.57		.24	T	.90	.13		T	T	.15	T			.09		.20	1.23		T	T		T	.20	.28	T	.07	.41			
NEW BRUNSWICK EXP STA	5.09		.70		.32	.05	.45	.62		T		.30	.15			.15		.20	1.25		T	T			T	.30			.60			
NEW MILFORD	4.34		.60		.16	.04	.82	.14				.26	.08			.10		.08	1.16						.14	.38			.38			
NEWTON	4.21		.15	.54		.25		.93			T		.30				.13	.07	.80	.16		T				.28	.13		.45	.02		
OAK RIDGE RESERVOIR	4.44		.06	.68		.26		1.00					.35				.13	.07	.79	.23	.01	.02				.24	.10		.50			
ORANGE	4.64		.39			.39		1.16					.22			.07			1.35		.05					.39			.62			
PATERSON	6.36		T	.68		.18		1.88			T		.05			T	.58	.25	1.70	.03	T					.40	.23		.30	.08		
PEMBERTON 3 E	5.79		.69	.05	.45	.09	.57	.34				.61	.09			.16		.28	1.49							.53			.44			
PHILLIPSBURG	5.85		.80	.15	.18	.14	.54	.52				.10	.59			.14		.40	1.29							.38	.09		.53			
PHILLIPSBURG BRIDGE		RECORD MISSING																														
PLAINFIELD	5.16		.60		.28	.01	.83	.25		T	.01	.21	.10			.11		.25	1.28		T	T			.13	.44			.66			
PLEASANTVILLE 1 N	3.84		.03	.62		.53		.75				T	.39				T	.27	.58	.13			T			.39	.09		.06	T		
PRINCETON WATER WORKS	4.57		.84		.12	.23	.80	.10		T		.40	T			.08		.22	1.16			T				.14		.07	.41			
RAHWAY	4.58		.59		.23		.90	.14		T	T	.18	.04			.08		.14	1.36						.15	.18		.10	.49			
RIDGEFIELD	4.09		.55		.28		.78	.44				.27	.03			.09		.20	.21		.02	T			.19	.37	T	.04	.62			
RINGWOOD	3.98		.18	.52		.23		.94	T				.29			.01	.07	.08	.81	.04	.02					.25	.11		.43			
RUNYON	5.32		.92		.32	.11	.42	.54				.22	.12			.13		.15	1.27							.50			.62			
SANDY HOOK	5.56		.92		.31	.02	.41	.56				.43	.04			.33		.17	1.39		T	T			T	.39			.59			
SOMERVILLE	4.76		.64		.28	.03	.56	.50				.12	.07			.10		.18	1.20							.52			.56			
SPLIT ROCK POND	4.23		.08	.56		.21		.92					.30				.06	.08	.84	.27						.32	.28		.28	.03		
SUSSEX 3 N	3.65		.58		.25	.03	.42	.45				.13	.08			.11		.10	.87		.03			T		.21			.39			
SWEDESBORO 5 NW	4.33		.51	.38	.08	.29	T	.78		.01			.23			.20		.22	1.25							.19	.11		.08			
TOMS RIVER	5.54		.73				.40	.85				.78				.17		.31	1.40		.01					.44			.45			
TRENTON 2	5.23		.88		.37		.91	.04		T		.39	.02		T	.11		.31	1.22			T			.19	.37		.14	.28			
TRENTON WB CITY R	4.81		.85		.33		.83	.08		T		.31	.02		T	.09		.33	1.14		T	.01		T	.09	.35		.04	.34			
TUCKERTON 2 SW		RECORD MISSING																														
VINELAND	4.09			.86		.46		.55					.71				.01	.13	.82	.18						.23	.05		.09			
WANAQUE RAYMOND DAM	4.28		.06	.57		.22		.98					.34				.09	.08	.77	.31	T					.30	.16		.34	.06		
WESTFIELD	4.96		.51		.28		1.00	.11				.18	.06			.11		.20	1.40				T		.20	.30		.06	.55			
WOODCLIFF LAKE	4.23		.64		.18	.04	.74	.24				.38	.08			.06		.12	.93						.16	.38			.28			
WOODSTOWN 2 NW		RECORD MISSING																														

See Reference Notes Following Station Index

Table 5

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	36	45	43	38	51	45	49	52	49	55	41	50	47	45	53	44	40	52	43	44	37	33	36	43	55	51	47	52	36			45.2
	MIN	25	35	33	33	35	31	38	35	38	35	37	40	38	34	41	30	34	40	34	33	25	15	22	24	42	38	42	30	26			33.2
AUDUBON	MAX	39	42	43	34	47	41	47	54	50	56	45	50	47	54	52	43	35	50	47	47	37	32	36	42	63	50	58	49	36			45.7
	MIN	25	29	31	27	32	27	34	29	33	35	36	39	31	26	38	28	28	33	34	33	25	16	22	18	32	35	37	29	24			29.9
BELLEPLAIN	MAX																																
	MIN																																
BELVIDERE	MAX	38	34	39	31	38	37	45	49	46	48	42	47	43	47	45	43	35	42	47	45	36	33	35	35	57	46	51	46	35			41.9
	MIN	16	26	29	17	26	23	33	25	29	31	31	37	26	23	29	32		26	29	38	22	12	19	14	30	30	30	28	19			26.1
BOONTON	MAX	36	38	38	38	39	43	37	44	47	47	48	40	45	43	44	45	39	34	43	47	43	34	29	33	38	51	43	51	35			41.1
	MIN	14	15	28	17	21	21	24	28	30	32	32	36	25	23	24	26	22	22	31	27	23	13	15	16	19	32	32	32	21			24.2
BURLINGTON	MAX	38	46	41	37	46	42	47	55	51	55	46	49	47	54	52	47	39	49	48	46	40	33	37	40	62	49	58	54	35			46.3
	MIN	22	28	33	26	30	25	35	29	31	32	34	37	29	25	25	26	26	31	29	35	24	14	20	14		33	34	34	28			28.2
CANDE BROOK	MAX	36	39	38	42	39	44	39	45	50	47	49	41	47	43	46	44	41	40	45	48	45	32	30	33	45	59	45	52	36			42.8
	MIN	11	17	31	16	22	21	24	22	28	28	31	36	22	18	27	25	22	25	23	26	23	13	17	12	22	31	26	32	20			23.1
CAPE MAY 3 W	MAX	39	47	43	42	43		48	49	50	48	47	46	45	45	53	49	41	53	50	44	45	36	35	39	58	58	49	49	41			46.1
	MIN	28	29	36	33	34		31	32	38	33	37	38	29	29	40	30	34	37	36	37	32	22	26	21	32	36	40	36	29			32.7
CHARLOTTEBURG	MAX	34	35	39	37	36	40	35	41	49	48	45	39	45	43	43	44	37	32	40	45	42	32	26	30	42	55	42	55	28			40.0
	MIN	15	15	25	19	13	16	16	27	30	30	30	34	31	16	17	23	20	20	29	24	20	10	10	13	14	27	33	31	16			21.5
CHATSWORTH 5 S	MAX																																
	MIN																																
CLAYTON	MAX	34	45	38	35	45	40	47	53	51	55	44	47	46	52	54	49	40	50	49	43	40	33	35	39	61	49	57	49	37			45.4
	MIN	21	28	28	31	31	33	34	33	38	37	37	35	32	27	37	29	30	33	31	35	22	17	21	17	33	37	34	34	33			30.6
ELIZABETH	MAX	41	40	40	35	47	40	48	54	55	52	48	50	46	49	45	44	39	42	49	45	43	33	33	39	61	60	54	45	38			45.3
	MIN	17	30	33	24	30	25	35	22	35	34	38	38	27	23	37	26	27	30	30	31	24	14	19	16	31	32	34	32	21			28.1
ESSEX FELLS SERV BLDG	MAX	34	35	37	34	33	44	39	45	50	45	44	48	43	45	48	45	42	34	41	44	45	34	30	32	36	58	45	51	35			41.2
	MIN	14	14	28	25	22	22	25	26	27	33	33	34	24	29	28	32	22	24	33	28	21	11	13	14	15	24	34	31	15			24.2
FLEMINGTON 1 NE	MAX	38	35	39	30	43	40	45	54	53	51	44	49	44	51	44	45	39	45	48	45	40	31	34	39	62	52	51	44	35			43.8
	MIN	15	27	32	22	22	20	33	25	25	29	31	33	24	19	34	23	24	27	31	30	23	10	16	5	30	29	32	32	19			24.9
FREEHOLD	MAX	37	46	39	36	44	36	47	52	46	51	46	49	45	52	50	45	38	43	47	44	39	28	33	40	62	56	55	50	35			44.5
	MIN	19	27	33	25	31	26	35	29	33	33	35	38	30	26	36	25	25	32	30	34	22	12	18	15	31	32	35	31	21			28.2
HAMMONTON 2 NNE	MAX	31	40	47	45	49	47	45	45	45	50	57	50	49	47	52	55	44	44	51	48	50	32	35	32	51	61	50	60	62			47.4
	MIN	20	23	36	28	31	26	29	30	32	30	25	40	32	27	30	28	28	30	30	37	24	12	19	12	22	44	38	40	23			28.5
HIGHTSTOWN 1 N	MAX	36	43	38	34	44	37	45	50	46	53	47	47	45	51	47	45	36	44	45	45	39	30	35	40	61	58	55	51	34			44.2
	MIN	20	28	34	24	28	24	35	29	32	32	36	38	30	26	36	26	25	30	30	33	24	14	19	16	31	33	33	32	23			28.3
INDIAN MILLS 2 W	MAX	39	46	39	36	46	39	46	53	51	54	44	47	47	53	55	47	34	48	48	45	40	31	34	39	62	50	58	50	34			45.3
	MIN	14	26	33	25	31	21	34	26	30	29	34	39	27	20	33	26	28	33	29	35	18	13	18	7	32	39	36	33	22			27.1
JERSEY CITY	MAX	36	42	38	30	44	39	44	50	46	43	40	48	45	45	44	40	30	42	44	43	29	31	32	33	58	43	49	40	33			40.7
	MIN	24	30	28	26	32	32	36	36	37	37	36	38	34	30	38	31	24	32	36	29	17	15	20	20	34	33	39	22	22			29.9
LAKEWOOD 2 ENE	MAX	38	47	39	36	46	45	43	53	48	53	42	50	47	52	53	41	35	46	48	42	35	32	35	43	63	51	56	49	36			45.0
	MIN	15	27	26	25	28	21	33	24	29	32	36	34	27	20	32	26	26	35	30	29	20	13	19	8	36	34	38	21	12			26.1
LAMBERTVILLE	MAX	37	37	38	34	43	37	46	53	49	52	45	50	45	50	46	44	37	47	47	46	38	31	36	38	60	50	55	49	36			44.0
	MIN	16	28	33	22	30	22	35	26	29	30	34	37	26	22	35	26	26	29	30	35	22	13	20	13	30	33	30	32	23			27.1
LAYTON 3 NW	MAX	37	35	37	30	41	38	40	51	47	45	40	47	41	40	43	35	31	39	42	43	37	29	30	38	51	54	50	46	32			40.3
	MIN	8	15	26	5	18	10	30	22	25	31	30	33	27	12	35	19	25	20	27	22	17	8	15	5	30	20	29	30	11			20.9
LEESBURG STATE FARM	MAX	40	40	45	40	40	49	49	50	51	52	56	45	49	46	49	58	46	44	56	47	45	38	35	35	50	57	50	55	55			47.3
	MIN	20	25	32	31	33	21	31	28	32	30	37	40	30	23	37	28	31	31	34	38	25	19	22	14	30	32	40	44	24			29.7
LITTLE FALLS WATER CO	MAX	36	40	41	40	40	47	40	46	53	48	52	47	49	47	47	46	43	34	44	48	45	33	32	38	40	60	47	56	38			43.9
	MIN	16	26	33	19	23	22	28	28	31	32	35	35	30	32	34	26	23	24	31	29	23	13	18	18	24	32	37	32	20			26.7
LONG BRANCH	MAX	37	47	38	36	45	42	47	50	45	49	41	49	45	48	50	40	35	43	47	43	33	30	33	41	64	46	50	40	34			43.0
	MIN	20	29	30	29	30	27	34	29	34	35	37	38	29	27	36	28	26	35	32	31	19	14	20	17	39	34	38	25	22			29.1
LONG VALLEY	MAX	36	38	37	32	43	39	43	47	48	50	43	44	43	45	44	43	33	43	45	44	33	29	33	34	56	51	50	44	33			41.5
	MIN	18	25	30	16	28	20	31	23	26	28	29	35	25	19	32	23	21	25	26	27	18	10	17	10	26	28	29	28	17			23.8
MILLVILLE CAA AIRPORT	MAX	40	45	42	38	48	45	49	53	50	56	46	47	47	50	60	45	37	55	50	46	37	33	35	42	61	51	57	51	36			46.6
	MIN	16	27	32	30	27	23	30	27	32	28	37	39	26	20	35	27	29	34	32	33	22	17	21	13	40	38	39	28	21			28.4
MOORESTOWN	MAX	39	40	40	32	44	41	45	53	49	53	44	52	45	53	53	42	33	47	47	44	34	31	35	42	61	49	57	46	34			44.3
	MIN	22	29	27	26	29	25	36	31	32	33	35	39	30	26	36	27	28	33	32	29	22	16	22	15	38	35	36	26	25			29.0
MORRIS PLAINS	MAX	37	37	38	36	44	39	45	50	48	48	45	47	44	45	44	43	38	40	47	44	42	30	33	37	58	56	52	48	33			43.0
	MIN	13	26	33	18	26	20	31	24	29	30	31	36	25	20	35	25	21	24	31	27	22	12	18	12	28	30	33	31	18			25.1
NEWARK WB AIRPORT	MAX	39	41	40	33	45	42	46	52	47	50	40	49	45	47	46	42	32	45	49	44	34	32	35	37	61	46	52	41	36			43.0
	MIN	23	30	28	23	32	28	36	32	34	37	37	37	32	28	35	28	24	31	33	31	17	14	21	20	36	33	37	23	22			29.0
NEW BRUNSWICK EXP STA	MAX	36	40	39	35	44	42	47	51	50	51	49	48	47	51	51	45	41	44	45	45	43	30	34	39	61	61	52	50	35			45.0
	MIN	18	29	35	24	30	26	34	29	33	33	35	38	28	26	37	27	24	28	30	34	24	13	18	18	32	33	35	32	22			28.4
NEWTON	MAX	33	34	37	35	36	41	36	43	47	44	45	38	43	42	44	42	37	33	41	44	42	30	27	31	41	56	44	51	34			39.7
	MIN	10	14	27	14	16	15	20	26	27	31	31	34	31	20	24	23	20	20	30	26	20	10	13	9	19	28	33	29	18			22.0
PATERSON	MAX	38	40	40	42	35	44	39	47	52	47	47	47	50	45	48	46	42	35	43	48	45	35	31	32	43	60	45	51	40			43.3
	MIN	23	23	32	21	21	26	29	32	34	37	37	38	32	28	30	27	23	23	32	34	24	12	15	19	21	33	34	32	21			27.3
PEMBERTON 3 E	MAX	38	46	40	37	49	44	47	53	50	56	49	49	47	55	54	47	41	47	46	46	43	33	36	41	62	54	57	56	37			46.9
	MIN	15	27	29	25	31	20	26	27	31	31	32	30	28	21	35	24	28	32	28	34	20	12	17	11	24	31	36	31	21			26.1
PHILLIPSBURG	MAX	36	36	40	38	44	43	44	51	55	50	54	55	52	49	43	44	40	42	46	47	40	37	35	39	60	50	50	50	36			45.0
	MIN	21	27	33	20	27	23	34	28	37	34	38	39	32	24	37	38	25	28	30	34	33	13	20	15	30	31	31	33	22			28.9
PLAINFIELD	MAX	40	40	40	31	46	37	48	51	49	52	40	50	46	49	46	44	34	43	49	44	37	33	35	39	60	46	52	41	38			43.4
	MIN	16	30	32	23	29	25	36	27	31	34	37	37	27	23	38	27	24	30	31	31	23	13	20	15	31	32	32	28	21			27.7
PLEASANTVILLE 1 N	MAX	40	39	46	45	38	49	48	48	54	49	56	42	50	47	48	60	45	43	53	48	46	38	32	35	50	55	55	50	51			46.9
	MIN	15	16	37	29	33	21	27	25	27	28	30	38	28	18	20	26	27	32	28	31	17	11	15	9	19	36	38	41	18			25.5
RIDGEFIELD	MAX	39	43	39	32	44	38	48	52	47	50	51	52	46	46	45	41	34	43	48	43	35	30	34	38	58	45	55	40	36			43.2
	MIN	20	31	26	20	30	25	33	29	34	35	38	37	29	24	34	27	24	32	31	30	16	14	21	16	38	32	35	22	20			27.7
RUNYON	MAX	38	44	39	39	46	44	48	54	49	52	38	42	49	52	52	45	41	45	44	47	45	34	36	40	62	54	57	44	37			45.4
	MIN	9	33	28	30	31	18	29	23	30	31	30	32	21	17	27	25	26	30	27	28	22	13	14	9	31	32	35	33	19			25.3

See Reference Notes Following Station Index

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
SANOY HOOK	MAX	37	42	42	41	45	38	45	50	50	54	42	47	44	43	44	42	38	42	46	43	38	26	34	30	60	45	48	38	35			42.4
	MIN	25	33	34	28	33	32	36	40	40	41	37	38	36	34	37	28	24	26	34	36	24	14	22	23	30	35	38	30	25			31.5
SOMERVILLE	MAX	37	37	39	31	44	36	47	51	47	51	45	48	44	50	44	43	35	44	47	45	35	31	34	38	60	48	52	44	35			42.8
	MIN	13	29	30	21	29	21	35	24	39	32	34	38	24	20	36	26	24	29	29	31	23	13	19	12	30	32	29	30	20			26.6
SUSSEX 3 N	MAX	34	34	39	30	41	34	40	47	42	44	40	46	41	42	43	41	33	39	44	41	35	27	30	37	57	49	49	42	32			39.8
	MIN	18	25	29	12	22	17	30	30	30	32	32	33	30	23	37	24	19	22	30	27	20	10	16	11	28	27	27	24	13			24.1
TRENTON 2	MAX	37	40	39	33	45	41	47	53	50	52	40	50	47	52	48	42	34	45	47	45	35	32	35	40	60	48	56	45	36			43.9
	MIN	21	29	27	25	30	25	34	30	34	34	35	37	31	28	38	26	25	31	30	30	21	13	19	18	36	32	36	25	22			28.3
TRENTON WB CITY	MAX	37	40	39	33	44	41	47	53	49	51	42	48	45	52	48	40	32	46	46	45	33	30	35	39	61	47	56	42	35			43.3
	MIN	25	31	29	26	32	29	36	33	37	38	37	39	35	32	36	28	26	32	34	33	19	15	22	23	39	34	39	27	25			30.7
TUCKERTON 2 SW	MAX																																
	MIN																																
WOOOSTOWN 2 NW	MAX																																
	MIN																																

Table 7

SNOWFALL AND SNOW ON GROUND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	SNOWFALL																	.6				T	T									
	SN ON GND																	1					T									
BELVIDERE	SNOWFALL		2.0		T		T											1.5	T				T		T			T	1.0			
	SN ON GND		-																													
CHARLOTTEBURG	SNOWFALL		.7	1.5														1.5	.2							1.0			2.0			
	SN ON GND		T	1														1	1							T			2	1		
CLAYTON	SNOWFALL		T		T													.5							T					T		
	SN ON GND																	T							T							
FLEMINGTON 1 NE	SNOWFALL		.8		1.0		T	T										1.8	T			T	T			1.5			1.5	T		
	SN ON GND	T	T	T	T	T												2														
FREEHOLD	SNOWFALL																	2.0								.5			T			
	SN ON GND																	1														
HIGHTSTOWN 1 N	SNOWFALL		T		T													1.0				T		T	T	.7			T	T		
	SN ON GND																	1														
INDIAN MILLS 2 W	SNOWFALL																	1.3				T	T		T	T			T	T		
	SN ON GND																	T							T							
LAKEWOOD 2 ENE	SNOWFALL																	1.7				T	T	T	.3							
	SN ON GND																	2	T													
LONG VALLEY	SNOWFALL		2.0		T													2.5								1.0			2.0			
	SN ON GND		-		-													-								-			-			
MILLVILLE CAA AIRPORT	SNOWFALL																	T							T							
	SN ON GND																	T														
MOORESTOWN	SNOWFALL		T															.8	.3			T				T			T	T		
	SN ON GND																	1														
MORRIS PLAINS	SNOWFALL		1.0		T	T												2.2	T		T	T	T	T		.6			2.0			
	SN ON GND		-		-	-												-	-		-	-	-	-		-			-			
NEWARK WB AIRPORT	SNOWFALL		T		T		T											1.9			T	T		T	.5				T			
	SN ON GND					T												1	T													
	WTR EQUIV																															
NEW BRUNSWICK EXP STA	SNOWFALL		T															1.5				T			T				T			
	SN ON GND																	1														
NEWTON	SNOWFALL		2.0															1.0				T							4.0			
	SN ON GND		2															1	1										4			
PATERSON	SNOWFALL		T	T		T												1.0	.5							1.0			.5			
	SN ON GND																	1	1							1			1			
PEMBERTON 3 E	SNOWFALL																	1.5														
	SN ON GND																	1														
PLAINFIELD	SNOWFALL		.1		T		T					T						2.0			T	T			1.2				.5			
	SN ON GND				T													2	T						1							
RIDGEFIELD	SNOWFALL		.1		.1													2.0	1.0			T			.3				2.5			
	SN ON GND				T													2	T						T				3	T		
SOMERVILLE	SNOWFALL		1.0															1.4								.5			.2			
	SN ON GND																	1														
SUSSEX 3 N	SNOWFALL				-		-											-											-			
	SN ON GND																	2											5	4		
TRENTON WB CITY	SNOWFALL		.2		T													1.2				.1		T	.5				T			
	SN ON GND		T															1					T						T			

See Reference Notes Following Station Index

STATION INDEX

Station	Index No.	County	Drainage	Latitude	Longitude	Elev. (ft.)	Time of observation: Zone	Time of observation: Temp.	Time of observation: Precip.	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Observer	Refer to tables
ALLENDALE	D100	BERGEN	PASSAIC	41 02	74 08	270	EST		MID				BERGEN COUNTY ENGINEERS	C
# ATLANTIC CITY WB	D325	ATLANTIC	COASTAL	39 22	74 25	8	EST	MID	MID	82	82		U. S. WEATHER BUREAU	2 3 S 7 C
AUDUBON	0346	CAMDEN	DELAWARE	39 54	75 04	50	EST	11P	11P		6		IRVIN J. NYGREN	2 3 5
BASS RIVER STATE FOREST	0528	BURLINGTON	COASTAL	39 37	74 26	20	EST		6P		9		N. Y. FORESTRY SERVICE	3
BELLEPLAIN	069D	CAPE MAY	COASTAL	39 16	74 52	49	EST	5P	5P	61	61		MRS. ED C. HOFFMAN	2 3 5
BELMAR	D721	MONMOUTH	COASTAL	40 10	74 02	19	EST		MID		14		CITY WATER DEPT	3
BELVIDERE	0729	WARREN	DELAWARE	40 50	75 05	289	EST	5P	5P	63	63		MISS C. S. HIXSON	2 3 5 7
BERLIN 1 W	D787	CAMDEN	MULLICA	39 48	74 57	150	EST		7A		14		SAMUEL H. MC CULLEY	3
BOONTON	D9D7	MORRIS	PASSAIC	40 54	74 24	280	EST	8A	8A	47	65		JERSEY CITY WATER WORKS	2 3 5
BRANCHVILLE	D978	SUSSEX	DELAWARE	41 09	74 47	570	EST		7A				ALBERT M. DAVENPORT	3
BRIDGETON 2 SSE	1028	CUMBERLAND	DELAWARE	39 24	75 13	25	EST	9A	9A	67	72		DR. WOLF'S AGRI LABS	CLOSED 9/55
BURLINGTON	1211	BURLINGTON	DELAWARE	40 04	74 53	12	EST	6P	6P	43	69		PUBLIC SERVICE E & G CO	2 3 S
CANISTEAR RESERVOIR	1327	SUSSEX	PASSAIC	41 07	74 30	1040	EST		8A		15		NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	PASSAIC	40 45	74 21	180	EST	9A	9A	25	25	25	COMMONWEALTH WATER CO	2 3 5 6
CANTON	1343	SALEM	DELAWARE	39 28	75 25	8	EST		9A		9		GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	COASTAL	38 56	74 57	17	EST	5P	SP	30	67		NORTHWEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	PASSAIC	40 52	74 13	400	EST		8A		15		J. A. PLUNKETT	3
CENTERTON	1512	SALEM	MAURICE	39 31	75 10	80	EST		MID				JOHN HOPKINS UNIVERSITY	C
CHARLOTTEBURG	1582	PASSAIC	PASSAIC	41 03	74 26	760	EST	7A	7A	63	63		NEWARK WATER DEPT	2 3 5 7
CHATHAM	159D	MORRIS	PASSAIC	40 44	74 23	185	EST		8A		51		EDWARD P. MOLITOR	3
CHATSWORTH S S	1598	BURLINGTON	COASTAL	39 44	74 32	90	EST	5P	SP	15	15		WILLIAM S. HAINES	2 3 S 7
CLAYTON	1708	GLOUCESTER	MAURICE	39 39	75 06	120	EST	6P	6P	42	62		HARRY P. CAMPBELL	2 3 S 7
CLINTON	1749	HUNTERDON	RARITAN	40 38	74 55	300	EST		6P		12		L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	DELAWARE	39 41	75 30	12	EST		MID		15		DU PONT DE NEMOURS CO	3
ELIZABETH	2644	UNION	COASTAL	40 40	74 14	33	EST	5P	5P	76	76		UNION CO PARK COMMISSION	2 3 5
ELIZABETHPORT	2652	UNION	PASSAIC	40 39	74 12	30	EST		MID		16		SEWAGE TREATMENT PLANT	3 C
ESSEX FELLS SERVICE BLDG.	2768	ESSEX	PASSAIC	40 50	74 18	250	EST	8A	8A	7	7		BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	RARITAN	40 31	74 51	134	EST	5P	5P	58	69		DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	DELAWARE	39 14	75 10	5	EST		SP		11		F. A. RODENBAUGH	INACTIVE 10/55
FREEHOLD	3181	MONMOUTH	RARITAN	40 15	74 17	194	EST	6P	6P	51	51		FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	DELAWARE	39 42	75 07	150	EST		MID				PROF. J. B. SANGREE	C
GREENWOOD LAKE	3516	PASSAIC	PASSAIC	41 09	74 20	660	EST		7A		13		WATER SUPPLY COMMISSION	3
HACKENSACK	3572	BERGEN	HACKENSACK	40 53	74 03	10	EST		MID				BERGEN COUNTY ENGINEERS	C
HAMMONTON 2 NNE	3662	ATLANTIC	MULLICA	39 39	74 48	85	EST	8A	8A	23	49		W. HUBBARD PARKHURST	2 3 S
HIGHTSTOWN 1 N	3951	MERCER	RARITAN	40 16	74 31	100	EST	8P	8P	59	62		JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STATION	3956	MERCER	RARITAN	40 17	74 32	75	EST		MID				DEPT WATER AND SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	MULLICA	39 48	74 47	100	EST	7P	7P	65	66		EDWARD ENTWISTLE	2 3 S 7
IRVINGTON	4260	ESSEX	COASTAL	40 43	74 15	120	EST		MID		16		JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	COASTAL	40 44	74 04	135	EST	MID	MID	57	57		JERSEY CITY WATER DEPT	2 3 S
LAKEWOOD 2 ENE	4627	OCEAN	COASTAL	40 06	74 11	54	EST	MID	MID	51	51		GEORGE G. WOODILL	2 3 S 7 C
LAMBERTVILLE	4635	HUNTERDON	DELAWARE	40 22	74 57	75	EST	6P	6P	68	68		E. E. CASE	2 3 5
LAYTON 3 NW	4735	SUSSEX	DELAWARE	41 15	74 51	480	EST	6P	6P	54	54		A. M. DEPUE	2 3 5
LEESBURG STATE FARM	4762	CUMBERLAND	MAURICE	39 14	74 58	10	EST	8A	8A	5	5		CHARLES L. CALDWELL	2 3 5
LITTLE FALLS WATER CO	4887	PASSAIC	PASSAIC	40 53	74 14	157	EST	9A	9A	41	52		PASSAIC VALLEY WATER CO	2 3 S C
LONG BRANCH	4987	MONMOUTH	COASTAL	40 18	74 00	34	EST	MID	MID	47	47		STORM WARNING DISPLAY STA	2 3 5 C
LONG VALLEY	50D3	MORRIS	RARITAN	40 48	74 46	660	EST	6P	6P	25	25		ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5D55	BURLINGTON	DELAWARE	39 58	74 48	25	EST		MID				JAMES LAWTON	C
MACOPIN INTAKE	5D71	PASSAIC	PASSAIC	41 01	74 24	1020	EST		9A		15		NEWARK WATER DEPT	3
MANVILLE	5197	SOMERSET	RARITAN	40 33	74 34	50	EST		MID		15		JOHN L. RADCLIFFE	3
MARLBORO 5C5	5244	MONMOUTH	COASTAL	40 20	74 14	120	EST		MID				GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	DELAWARE	39 54	74 57	90	EST		6P		14		DAVID GRISCOM	3
MAYS LANDING	5346	ATLANTIC	GREAT EGG HARBOR	39 27	74 44	50	EST		SP		11		ELMER EARLE	3
MIDLAND PARK	5503	BERGEN	PASSAIC	40 59	74 09	210	EST		MID		9		CORNELIUS HOWARD	3
MILLVILLE	5576	CUMBERLAND	MAURICE	39 24	75 03	60	EST		MID		15		L. J. GALLAHER	3 C
MILLVILLE CAA AIRPORT	5581	CUMBERLAND	MAURICE	39 22	75 04	68	EST	MID	MID	9	9		CIVIL AERO. ADM.	2 3 5 7
MILTON	5597	MORRIS	PASSAIC	41 01	74 32	950	EST		7A		15		JERSEY CITY WATER WORKS	3
MOORESTOWN	5728	BURLINGTON	DELAWARE	39 58	74 58	55	EST	MID	8A	92	92		H. J. WILLARD	2 3 S 7
MORRIS PLAINS	5769	MORRIS	PASSAIC	40 50	74 30	500	EST	4P	4P	10	14		JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6D26	ESSEX	COASTAL	40 42	74 10	11	EST	MID	MID	56	101		U. S. WEATHER BUREAU	2 3 S 7 C
NEW BRUNSWICK EXPERIMENT STA	6D62	MIDDLESEX	RARITAN	40 28	74 26	80	EST	SP	SP	98	101		ARTHUR H. AHLQUIST	2 3 S 7
NEW MILFORD	6146	BERGEN	HACKENSACK	40 57	74 02	12	EST		MID		37		HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	DELAWARE	41 03	74 45	565	EST	8A	8A	72	72		C. M. WHEELER	2 3 S 7
OAK RIDGE RESERVOIR	646D	PASSAIC	PASSAIC	41 02	74 30	870	EST		8A		15		NEWARK WATER DEPT	3
ORANGE	656D	ESSEX	PASSAIC	40 47	74 14	140	EST		MID		15		COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	PASSAIC	40 55	74 09	100	EST	8A	8A	85	84		P. J. DEL VECCHIO	2 3 S 7
PEMBERTON 3 E	6843	BURLINGTON	DELAWARE	39 58	74 38	60	EST	5P	SP	26	26		CHARLES A. DOEHLERT	2 3 S 7
PHILLIPSBURG	6974	WARREN	DELAWARE	40 41	75 12	182	EST	3P	3P	64	72		SEWAGE DISPOSAL PLANT	2 3 S
PHILLIPSBURG BRIDGE	6979	WARREN	DELAWARE	40 42	75 12	196	EST		9A		16		JOINT TOLL BRIDGE COMM	3
PLAINFIELD	7D79	UNION	RARITAN	40 36	74 25	120	EST	8P	8P	64	67		S. K. PEARSON	2 3 5 7
PLEASANTVILLE 1 N	7131	ATLANTIC	COASTAL	39 25	74 31	8	EST	8A	8A	32	57	32	ATLANTIC CITY WATER WKS	2 3 S 6
PRINCETON WATER WORKS	7328	MERCER	RARITAN	40 19	74 40	90	EST		MID		7		PRINCETON WATER CO	3
RAHWAY	7393	UNION	RAHWAY	40 36	74 15	20	EST		MID		16		RAHWAY VLY SWG AUTH	3 C
RIDGEFIELD	754S	BERGEN	HACKENSACK	40 50	74 01	80	EST	MID	MID	38	38		GEORGE P. KIRSTEN	2 3 S 7
RINGWOOD	7587	PASSAIC	PASSAIC	41 08	74 16	300	EST		10A		15		NO JERSEY WATER SUPPLY	3
RUNYON	782S	MIDDLESEX	COASTAL	40 26	74 20	18	EST	6P	6P	31	32	32	N. J. WATER COMMISSION	2 3 5 6
SANDY HOOK	7869	MONMOUTH	COASTAL	40 28	74 01	22	EST	7P	7P	57	57		U. S. COAST GUARD	2 3 S
SOMERVILLE	8194	SOMERSET	RARITAN	40 34	74 37	75	EST	6P	6P	69	72		W. E. HAVER	2 3 S 7
SPLIT ROCK POND	84D2	MORRIS	PASSAIC	40 58	74 28	800	EST		10A		15		JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	COASTAL	40 43	74 18	–	EST		MID				N. J. DEPT OF CONSERVA.	C
SUSSEX 3 N	8644	SUSSEX	HUDSON	41 14	74 35	530	EST	6P	6P	57	60		BRICE B. STANTON	2 3 S 7
SWEDESBORO S NW	868S	GLOUCESTER	DELAWARE	39 47	75 24	10	EST		NOON		9		SUN OIL CO	3
TOMS RIVER	8816	OCEAN	COASTAL	39 57	74 14	10	EST		5P		14		ROBERT F. SNYDER	3
TRENTON 2	8878	MERCER	DELAWARE	40 14	74 46	100	EST	MID	MID	25	25		E. H. RISTOW	2 3 S
# TRENTON WB CITY	8883	MERCER	DELAWARE	40 13	74 46	56	EST	MID	MID	83	83		U. S. WEATHER BUREAU	2 3 S 7 C
TUCKERTON 2 SW	8899	OCEAN	COASTAL	39 35	74 22	45	EST	8A	8A	56	61		VERNON W. MOTT	2 3 S
VINELAND	913S	CUMBERLAND	MAURICE	39 29	75 00	110	EST		8A	61	75		ROBERT JONES	3
WANAQUE RAYMOND DAM	9187	PASSAIC	PASSAIC	41 02	74 18	320	EST		8A		15		WATER SUPPLY COMMISSION	3 C
WATCHUNG	9271	UNION	PASSAIC	40 40	74 25	–	EST		MID				BONNIE BURN SANITARIUM	C
WESTFIELD	9455	UNION	RAHWAY	40 39	74 21	135	EST		SP		16		TOWN ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	HACKENSACK	41 01	74 03	100	EST		MID		36		HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	991D	SALEM	DELAWARE	39 40	75 20	16	EST	6A	6A	9	19		CHARLES CLARK	2 3 S
NEW STATIONS														
GREAT MEADOWS	3416	WARREN	DELAWARE	40 53	74 55	560	EST		MID				EDWARD KOWALICK	C

REFERENCE NOTES

Tbe four digit identification numbers in the index numher column of the Station lndex are assigned on a etate basis. There will be no dupiicatinn of numbers within a state.

Figures and Ietters following the statinn name, such as 12 SSW, indicate distance in miles and direction frnm ths pnst office.

Observation times given in the Station Index are in local standard time.

Oelayed data and correctinne will be carried only in ths June and December issues of this bullstin.

Monthly and ssasnnal snowfall and heating degree days for the preceding 12 months will hs carried in the June issue of this huiietin.

Stations appsaring in the Index, hut for which data are not listed in the tahles, are either missing nr received too late to be included in this issue.

Unless otherwise indicatsd, dimsnsinnal units used in this hulletin are: temperature in °F., precipitation and evaporatinn in inches, and wind movemsnt in miies. Oegree days are hassd nn a daily averags of 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown hy fnotnote following Tahle 6.

Amounts in Tahle 3 are frnm non-recording gages, unlese otherwise indicated.

Data in Tahies 3, 5 and 6 and snowfall data in Table 7 are for the 24 hnurs ending at time of oheervatinn. See the Statinn Index fnr nbservation time.

Snow on grnund in Table 7 is at ohservation time fnr all except Weather Bureau and CAA statinns. For these stations snow on ground values are at 7:30 A.M. E.S.T. WTR EQUIV in Tahle 7 means the water equivalent of enow on ths ground. It is measured at selected statinns whsn the depth of snow on the ground is two inchss or more. Water equivalent samples are necessariiy taken from different points for successive nhservations; conssquentiy nccasional drifting and other cauass of local variability in the snowpack rssult in apparent inconsistencies in the rscord.

Long-tsrm means for all etations except full-time Weather Bureau statione are hased on the period 1931-1955.

Long-term means fnr full-time Weather Bureau statinns (those shown in the Station Index as United States Weather Bureau Stations) are based nn the period 192I-1950, adjusted to represent observatinns taken at the present location.

- Nn record in Tables 3, 6, 7 and the Station lndex. No recnrd in Tables 2 and 5 is indicated by no entry.
+ And also on a later dats or dates.
* Amount included in fnllowing measurement, time distributinn unknown.
© Data in the column formerly headed No. of Days .01 or more have heen changed to No. of Oays .10 or more effsctive January 1, 1954.
Thermometers are generally exposed in a shelter located a few feet above snd-covered ground; however, the reference indicates that the thermomsters are exposed in a shelter located nn the roof of a building.
AM Data hased on ohservational day ending hefore noon.
B Adjusted tn a full month.
C Data fnr recorder stations denotsd hy "C" are prncessed for special purposes and published in Bourly Precipitation Data. Length of record for recorder-only stations may he found in the Annual iesue of Hourly Precipitation Data.
D Watsr equivalent of snowfail whoily nr partly estimated, using a ratio of 1 inch water equivalent to every 10 inches nf new snowfaii.
M One or more days of record missing; see Tahle 5 for detailed daiiy record. Degree day data, if carried for this station, have heen adjunted tn represent the vaiue for a full mnnth.
R Amounts from recording gage (These amounts are essentially accurate hut may vary siightly from the amounts to he puhlished later in Bourly Precipitation Data).
T Trace, an amount too small to measurs.
V Includss total for previous month.

Additional infnrmation regarding the climate of New Jersey may he ohtained hy writing to any Weather Bureau Office nr to the State Climatologist at Weather Bureau Office, c/n General Delivery, Trentnn, New Jersey.

Subscription Price: 20 cents per copy, monthiy and annuai; $2.50 per year. (Yearly suhscriptinn includes the Annual Summary.) Chscks and money orders shnuld he made payaiie to the Superintendent of Documsnte. Remittances and correspondence regarding suhscriptinne should be sent to the Superintendent nf Documents, Government Printing Office, Waehington 25, D. C.

NWRC., Asheville, N. C. --- 4/4/56 --- 775

551.05
UNN J
Cop. 1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

MARCH 1956
Volume LXI No. 3

ASHEVILLE: 1956

THE LIBRARY OF THE
MAY 3 . 1956
UNIVERSITY OF ILLINOIS

WEATHER SUMMARY

GENERAL

Heavy snowfall was the most outstanding feature during March but temperatures were cooler than any March since 1950 and precipitation exceeded the usual expectancy.

Station temperature averages varied from 31.6° at Layton 3 NW to 41.7° at Cape May 3 W. In sharp contrast to last month, all stations having long-term averages showed negative departures. The extreme temperatures ranged from -5° on the 1st at Layton 3 NW to 68° at Lakewood 2 ENE on the 5th and Belleplain on the 7th.

Nearly three-fourths of the stations having long-term precipitation averages showed positive departures. The greatest monthly total of 7.66 inches occurred at Elizabeth, while the least monthly amount was 1.97 inches at Belmar. The greatest daily amount, 2.15 inches, was at Jersey City on the 19th.

This was the third snowiest March since 1895, being slightly exceeded in 1914 and 1916. Four stations received in excess of 30 inches during the month being topped by 32.3 inches at Oak Ridge Reservoir.

Based on available reports the percentage of sunshine was deficient during the month, which reflected the generally greater than usual daytime cloudiness.

WEATHER DETAILS

High pressure and near normal temperatures prevailed as March made its advent. The flow of warm southerly winds in advance of an approaching disturbance caused a quick warm-up on the 2nd and readings through the 11th averaged above normal, however, interspersed into this period was a cool spell on the 8th and 9th. During the remainder of the month pressure patterns that controlled the State's weather resulted in temperatures that averaged well below normal, but during the period there were several warming trends when readings were raised to near normal levels. The most intense cold spell was the 16th to 21st when temperatures generally averaged more than 10° below usual expectancy.

Most of the State's precipitation occurred during the 6th to 19th period, but light amounts also fell on the 2nd, 4th, 24th, and 29th. Other occurrences were not worthy of mention. Heavy snow fell over the State during the period 16th to 19th. The snowfall of the 16th occurred when a low pressure area moved northward from the southeastern section of the country, while another low cell developed in Wisconsin on the 17th and moved southeastward to the Atlantic Coast and then northeastward resulting in snow conditions unequaled in many years on the 18th and 19th. There was also some scattered thunderstorm activity during the month.

WEATHER EFFECTS

Farm work in New Jersey during March was intermittent, due chiefly to frequent and heavy precipitation. Heavy precipitation and snowfalls during February and March greatly improved the subsoil moisture situation. There was very little plowing or other field work done because of wet soils. Farm activity was confined primarily to routine chores and repairing machinery.

Grains made fair progress during March. The moisture situation was adequate, but cool weather retarded growth. Wheat fields generally looked good, but some damage was caused to low fields by standing water.

DESTRUCTIVE STORMS

On the afternoon of the 2nd, general thunderstorm activity was scattered throughout the State during a thunderstorm-squall line passage. There was little or no damage to persons or property and only slight damage to crops.

On the 7th-8th, scattered thunderstorms associated with a deepening low moving across the State caused slight damage to crops but damage to property was unknown.

On the 16th, snow, sleet, and wind associated with a deepening low pressure system occurred over the State with the greatest damage due to wind and weight of snow on poles, wires, and buildings. There were also innumerable injuries and deaths due to traffic accidents. Winds reached 50-55 mph in exposed placed and the coastal areas. Lightning caused some damage in northern regions. No dollar estimate of damages resulting from this storm was given.

On the 18th-19th, snow and wind caused extensive damage over the State. The greatest snowfall in many years occurred with over 18 inches at Newark. Schools were closed and business was at a virtual standstill for several days. There were many injuries and some deaths as a result of traffic accidents. Wires and poles, as well as some trees, were down with weight of snow. Winds reached 40-48 mph in gusts in exposed areas drifting snow over 6 feet. No dollar estimate of damages was given, but crops were reported to be damaged slightly, while property damage to buildings, wires, and poles was extensive.

FLOODS

There were no reports received of flooding in New Jersey during the month.

Franklin W. Long

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed: Fastest mile	Wind speed: Direction of fastest mile	Wind speed: Date of fastest mile	Relative humidity averages - percent: 1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Number of days with precipitation: Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB	-	-	16.5	57	NE	19	-	-	-	-	3	4	6	2	1	0	16	46	6.6
LONG BRANCH	NW	16	16.2	61	E	16	-	75	65	63	3	7	4	3	1	0	18	54	6.2
NEWARK WB AIRPORT	NNE	12	12.0	36*	NNE	16	70	71	59	62	2	5	4	3	3	0	17	-	6.5
TRENTON WB CITY	-	-	11.2	34	N	16	-	-	-	-	2	5	5	3	1	0	16	51	6.3

* This datum is obtained by visual observation since recording equipment is not available. It is not necessarily the fastest mile occurring during the period.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature: Average Maximum	Average Minimum	Average	Departure from Long-Term Mean	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure from Long-Term Mean	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
ATLANTIC CITY W8	R	45.8	34.1	40.0	- 1.5	55	23	23	25	768	0	0	12	0	4.40	.87	1.09	14	10.2	5	20	9	3	1
AUDUBON		47.7	30.7	39.2		66	5	21	20+	792	0	2	17	0	3.69		1.45	14	12.0	10	19	9	1	1
BELLEPLAIN		51.7	28.7	40.2		68	7	15	25	758	0	0	21	0	D 5.19	.88	1.20	14	10.5			12	4	1
BELVIDERE		46.9	27.0	37.0	- 2.7	64	5	12	18+	861	0	1	23	0	4.18	- .06	1.00	19	15.5			10	3	1
BOONTON	AM	42.1	25.7	33.9	- 3.8	60	6	12	18	956	0	3	25	0	3.69	- .32	.89	19				7	3	0
BRIDGETON 1 NE	AM																							
BURLINGTON		46.9	28.8	37.9	- 4.8	60	11	11	22	832	0	1	21	0	3.93	- .58	1.37	14				7	3	1
CANOE BROOK	AM	44.2	24.8	34.5	- 3.4	63	6	10	20	938	0	3	23	0	6.30	1.94			25.5					
CAPE MAY 3 W		48.7	34.6	41.7		65	3	22	1	716	0	0	10	0	4.47		.93	16				10	4	0
CHARLOTTEBURG	AM	41.0	22.5	31.8	- 5.5	60	6	3	1	1022	0	6	28	0	4.24	- .35	.84	19	29.5	24	20	9	3	0
CHATSWORTH 5 S		50.4M	28.7M	39.6M		66	5	15	20+	781	0	1	22	0	5.32		1.30	14	15.8			10	4	2
CLAYTON		49.0	30.4	39.7		66	5	17	20	777	0	1	18	0	7.56		2.10	14	13.4	8	19	13	8	1
ELIZABETH		46.7	26.5M	36.6M	- 4.8	65	5	11	20	884	0	2	24	0	7.66	3.19	1.28	16	25.0	21	19	13	4	4
ESSEX FELLS SERV BLDG	AM	44.0	26.9	35.5		64	6	13	1	908	0	0	27	0	5.20		1.78	19				9	4	1
FLEMINGTON 1 NE		46.0	24.0	35.0	- 5.8	67	5	- 3	21	921	0	2	24	1	4.63	.50	1.17	14	30.5	22	19	11	2	2
FREEHOLD		46.5	28.0	37.3	- 3.1	65	5	11	20	853	0	2	21	0	4.26	.06	1.18	14	14.8	12	19			1
HAMMONTON 2 NNE	AM	48.8	30.2	39.5	- 2.9	67	6	15	20	782	0	2	19	0	4.45	.15	.70	15				11	5	0
HIGHTSTOWN 1 N		45.9	28.3	37.1	- 3.6	63	5	12	20	857	0	2	21	0	4.16	.26	1.33	14	13.5	11	19	9	2	1
INDIAN MILLS 2 W		47.7	27.7	37.7	- 3.6	67	5	10	21	837	0	2	21	0	4.88	.64	1.20	14	15.0	10	19	10	4	1
JERSEY CITY		43.2	29.8	36.5	- 3.8	62	5	18	25	876	0	2	18	0	6.62	2.62	2.15	19				9	4	2
LAKEWOOD 2 ENE		46.0	26.9	36.5	- 4.3	68	5	12	1	877	0	2	21	0	4.25	- .02	1.00	14	14.4	14	19	11	3	1
LAMBERTVILLE		46.4	27.3	36.9	- 3.3	65	5	7	21	865	0	2	22	0	5.49	1.38	1.38	14	22.0	20	19	10	4	1
LAYTON 3 NW		43.5	19.7	31.6	- 4.7	60	5	- 5	1	1028	0	4	28	1	4.06	.58	.99	14	23.7	15	19	9	4	0
LEESBURG STATE FARM	AM	47.9	30.5	39.2		65	6	17	1	791	0	1	19	0	4.54		.81	19	11.0	11	19	12	5	0
LITTLE FALLS WATER CO	AM	44.9	27.9	36.4	- 3.3	65	6	13	18	879	0	1	22	0	4.30	- .10	.89	19	22.6	20	20	9	4	0
LONG BRANCH		44.6	29.4	37.0	- 3.2	66	5	19	1+	859	0	2	22	0	4.73	.44	1.04	14	16.3	13	19	8	4	1
LONG VALLEY		44.2	23.5	33.9		62	5	5	18+	960	0	2	27	0	D 6.08	1.73	1.40	19	26.5					1
MILLVILLE CAA AIRPORT		49.0	28.7	38.9		67	5	14	1	803	0	2	24	0	4.84		1.28	14	11.2	7	20	10	4	1
MOORESTOWN		45.4	29.8	37.6	- 3.5	64	5	19	20+	844	0	3	20	0	4.69	.82			11.5	9	20			0
MORRIS PLAINS		45.7	25.1	35.4		63	5	8	21	910	0	2	26	0	4.00		.95	14	30.7			7	3	0
NEWARK W8 AIRPORT	R	44.6	29.1	36.9	- 3.6	65	5	18	17+	864	0	2	20	0	6.29	2.51	1.27	19	26.0	18	19	10	6	3
NEW BRUNSWICK EXP STA		46.8	28.4	37.6	- 3.0	64	5	15	21	843	0	2	21	0	3.31	- .55	.92	8	18.9	15	19	9	1	0
NEWTON	AM	41.3	23.3	32.3	- 4.6	61	6	1	21	1005	0	5	26	0	3.40	- .18	.63	17	24.0	17	20	9	2	0
PATERSON	AM	44.2	28.6	36.4	- 3.5	63	6	17	18+	881	0	2	20	0	5.32	.86	1.40	19	29.1	22	19	10	4	2
PEMBERTON 3 E		49.0	27.9	38.5	- 3.8	67	5	12	20	814	0	1	21	0	4.92	1.19	1.15	14	12.4	9	19	10	3	1
PHILLIPSBURG		48.0	28.0	38.0	- 1.3	65	5+	13	18	831	0	0	23	0	5.69	1.45	1.43	19	15.5	14	19	11	4	1
PLAINFIELD		46.1	26.9	36.5	- 3.7	65	5	11	20	877	0	2	24	0	6.05	1.76	1.21	19	22.5	17	19	12	4	3
PLEASANTVILLE 1 N	AM	47.3	28.4	37.9	- 2.9	65	6	13	1	837	0	1	22	0	5.32	1.06	.96	19	10.5	10	20	11	5	0
RIDGEFIELD		44.9	27.6	36.3	- 3.4	63	5	16	18	883	0	1	24	0	6.05	1.54	1.20	16	24.2	16	19	11	4	3
RUNYON		46.3	25.2	35.8	- 3.5	65	5	7	20	898	0	2	24	0	6.05	1.80	1.43	19	23.0					
SANDY HOOK		43.4	32.6	38.0	- 2.0	60	5	19	25	829	0	2	14	0	3.81	.18	.87	14	11.5	8	19	10	3	0
SOMERVILLE		46.5	26.1	36.3	- 3.7	65	5	5	20	882	0	2	22	0	4.62	.54	1.24	14	23.7	21	19	8	4	2
SUSSEX 3 N		41.8	22.9	32.4	- 5.5	58	5	4	1+	1003	0	3	27	0	2.31	- 1.32	.82	14		20	19	8	1	0
TRENTON 2		46.1	28.6	37.4		65	5	18	17+	849	0	2	20	0	6.77	2.36	1.59	14	22.2	15	19	12	6	2
TRENTON WB CITY	R	45.1	30.9	38.0	- 3.3	64	5	20	17	832	0	3	16	0	5.54	2.34	1.56	14	18.8	12	19+	9	4	1
TUCKERTON 2 SW	AM																							
WOODSTOWN 2 NW	AM																							
STATE				36.9											4.94				19.0					

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
MARCH 1956

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
ATLANTIC CITY WB R	4.40		.14		.05		T	T	.30			.02	.03	.37	1.00		.74		.70	.41					.18		T			.36	.01	
AUDUBON	3.60		.14				T	.20	.35			T	T	.28	1.45		.33		.32	.35					T					.27		
BAS5 RIVER ST FOREST	4.02		.11	.10	.04	T			.60		T	T	T	.60	.95		1.12	.16	.62	T					.18					.20		.06
BELLEPLAIN D	5.10		.50		.18				.50			.12		.41	1.20		.60	.20	D .40	D .45					.31					.32		
BELMAR	1.07		.14		.02			.09	.08					.06	.04	.08		.10	.06	.00										.40		
BELVIDERE	4.18		.07				.15	.15	.63			.13	.01	.00	.92		.12	.41	.02	1.00					.13					.35		
BERLIN 1 W	5.59				.10				.30	.62		T	1.30	.32	.62	.50	T	.40		1.16						.15					.12	
BOONTON	3.60		T	.04	T		T	.07	.33	.31		T	.07	.05	.41	.52		.58		.80	.07				.05	T					.30	T
BRANCHVILLE	3.47	T			.04			.10	.17	.30			.23	.05	.35	.40		.62		.64					T	.10					.20	
BRIDGETON 1 NE		RECORD MISSING																														
BURLINGTON	3.93		.18		.07		.19	.03	.70				.02	.16	1.37		.61	.00	.07	.05	.05	.02			.06	.01				.25	T	
CANISTEAR RESERVOIR	4.84				.01		T	.14	.27	.36		T	.06	.04	.43	.55	T	.68		.56	1.28				T	.10					.36	
CANDE BROOK	6.30		T	.08	.10		.04	.11	.05	.31		T	.02	.11	.55	.51		.70		*	2.42				.04	.06					.30	
CANTON	3.60		T	.12					.50	.16			.15	.22	1.17	.15	.23	.41		.10						.02				.10	.18	
CAPE MAY 3 W	4.47		.51		.21			T	.64			.03		.26	.92		.03	.04	.46	.15	.13				.11				.02	.02	.04	
CEDAR GROVE	3.32			.04			.12	.15	.22			.17	.52	.15	.10	.42		.30		.78	.24										.11	
CHARLOTTEBURG	4.24			.02			T	.08	.34	.27		T	.06	.09	.37	.66		.81		.84	.20				.14	.02					.34	
CHATHAM	5.11		T	.11	.10		.01	.13	.00	.40		.03	.02		.51	.52		.48		.53	1.00				.05						.32	
CHATSWORTH 5 S	5.32		.18		.06		.01	T	.66			.02	T	.37	1.30		.40	.21	.50	1.02					.15					.20	.06	T
CLAYTON	7.56		.53		.60		.02	.06	.24			T	.23	.64	2.10	.17	.61	.52	.47	.54					.15				T	.68	T	
CLINTON	4.82		.04		.05		.12	*	1.08			.12		.08	1.08	.20	.35	*	*	1.30					.08					.32	T	
DEEPWATER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELIZABETH	7.66		.12	.10	.00		.28	.15	1.16			.04	.01	.15	1.10	.02	1.28	.33	.35	1.00	.08				.17		T			.24	.00	
ELIZABETHPORT	4.33		.08		.11		.28	.33	.72			T	.06	.04	1.10		.74		.25	.11					.13					.38		
ESSEX FELLS SERV BLDG	5.20				T			.05	.61	.30			T	.18	.43	.58		.85		1.78						.12					.21	
FLEMINGTON 1 NE	4.63		T		.12		.14	.33	1.07			.06	.02	.14	1.17	T	.30	.31	.18	.31					.08		T	T		.25	.05	.01
FREEHOLD	4.26		.10		.00		.20	.05	.67			.01		.17	1.18		.46	.23	*	.68					.06					.32	.04	
GREENWOOD LAKE	4.08			T	.01		T	.10	.26	.27			.05	.05	.40	.60		.86		.51	.47				.04	.10					.36	
HAMMONTON 2 NNE	4.45			.30	.09				.20	.65		.01		.53	.55	.70		.63	.16	.20						.11				.23		
HIGHTSTOWN 1 N	4.16		.05		.05		.15	.00	.86				T	.10	1.33		.35	.18	.20	.40					.07					.30	.03	T
INDIAN MILLS 2 W	4.88		.27		.10		T	.04	.70			T	.02	.42	1.20		.48	.18	.50	.60					.00					.28	T	T
IRVINGTON	5.74		.10		.10		.11	.50	.61			.01	.08	.13	.08		.80		.30	1.50					.11					.32		
JERSEY CITY	6.62		.07		.07		.22	.40	.70			.03	.00	.06	1.10		.76		.48	2.15					.10					.36	.01	
LAKEWOOD 2 ENE	4.25		.16		.15		.11	.18	.58			T	.08	.20	1.00		.78	.01	.31	.32					.02					.35	T	
LAMBERTVILLE	5.49		.06		.08		.22	.44	.05			.08	.04	.13	1.38		.60	.23	.15	.75					.04					.25	.00	
LAYTON 3 NW	4.06						.08	.20	.60			.13		.05	.90	.02	.64	.23	.02	.60				T	.17					.24	T	
LEESBURG STATE FARM	4.54		.03	.20	.14			.02	.03	.50		.10		.40	.72	.50	.14	.52		.81						.13				.08	.22	
LITTLE FALLS WATER CO	4.30		T	.05	.06		.01	.11	.50	.28		T	.01	.00	.56	.34	T	.86		.89	.10				.08	.06					.30	
LONG BRANCH	4.73		.10		.00		.10	.09	.85			.03	.06	T	1.04		.86	.01	.57	.40					.08		T			.33	.01	T
LONG VALLEY D	6.08		.08		.05		.08	.30	.57			.42	.05	.10	.02		*	D .65	0.60	01.40					.48					.33	.05	
MACOPIN INTAKE	3.88			T	T		T	.10	.23	.21		T	.05	.10	.51	.45		.76		.85	.09				T	.10					.34	
MANVILLE D	6.48		.90		.11		.20	.60	.58			.04	.00	.01	1.22		.56	0.20	01.00	0.20					.40					.37		
MARLTON 1 W	4.79		.21		.11		.05	.06	.84				.02	.42	1.33		.63	.10	.24	.43					.05					.30		
MAYS LANDING	4.46		.25	.20	.06				.20			.03	.20	.22	.57		.52	.10	.75	1.00					.10					.23	.03	
MIDLAND PARK	4.76		.02		.03		*	.22	.70			*	.62	.05	1.03		*	.70	*	.84					.17					.20		
MILLVILLE	3.00		.18	.04	.04			.07	.46			.04	.09	.30	1.22		.64			.36					.12				.03	.22		
MILLVILLE CAA AIRPORT	4.84		.12	.02	T			.03	.67			.05	.13	.25	1.28		.80	T	.71	.41					.14				T	.23	T	
MILTON	5.16						.06	.06	.43	.41		.12	.11	.26	.45			.75		1.25	.81				.10						.35	
MOORESTOWN	4.60		.01	.16	.14		.00	.23	.55				T	.22	.75	.62	.01	.60	*	.80	.05				.02	.00					.26	
MORRIS PLAINS	4.00		.01				.07	.07	.86			.00	T	.00	.95		.31	.38		.75					.15					.21	.06	T
NEWARK WB AIRPORT R	6.20		.15		.09		.23	.62	.56			.01	.08	.05	1.03		1.21	.01	.54	1.27					.10		T			.34	T	
NEW BRUNSWICK EXP STA	3.31	T	.04		.12		.18	.27	.02			.02	.02	.00	.24		.36	.15	.05	.41	T				.08					.30	.06	T
NEW MILFORD	3.74		.04	.08			.06	.16	.60			.04	.04	.06	.02		.76		.18	.40					.14					.26		
NEWTON	3.40				.04		T	.20	.17	.26		.04	.10	.05	.45	.43		.63		.50	.07				.06	.03					.28	
OAK RIDGE RESERVOIR	5.38						T	.25	.28	.37		.02	.12	.06	.36	.50		1.00		1.35	.40				.03	.20					.35	
ORANGE	4.86						*	*	1.26			.01		.13	.08		.64		*	1.35					.17					.32		
PATERSON	5.32		T	.23	T		T	.07	.52	.40		.02	T	.05	.35	.50	T	1.05		1.40	.20				.05	.20					.28	T
PEMBERTON 3 E	4.92		.26	.04	.06		.04	.01	.00				.01	.31	1.15		.42	.36	.37	.50					.11					.20		
PHILLIPSBURG	5.60		T	.58	T		.21	.28	.74			.45	.05	.05	.96	T	.13	.30	T	1.43					T		T			.30	.12	
PHILLIPSBURG BRIDGE	-		T		.14			.13	.21	.32			.11	.10	.68	.30		.55		*	1.75					.10					-	
PLAINFIELD	6.05		.05		.17		.23	.28	1.06			.01	.03	.10	1.17		.88	.10	.32	1.21					.10		T			.34		T
PLEASANTVILLE 1 N	5.32		T	.10	.07		T		.00	.41		.01	T	.15	.62	.62	.06	.74		.06	.10					.15				T	.34	
PRINCETON WATER WORKS	5.50		.04		.10		.19	.56	1.03			.02	.00	.01	1.39		.86		.44	.45					.10					.31		
RAHWAY D	4.71		.08		.14		.30	.23	.73			T	.07	.02	1.17		.59	T	.14	D.75					.10					.37	.02	
RIDGEFIELD	6.05		.10				.22	.42	.82			.02	.12	T	1.12		1.20		.40	1.10					.22					.31	T	
RINGWOOD	3.89		T		T		T	.23	.26	.17		T	.03	.04	.73	.14	.06	.77		.60	.40				.14	T					.32	
RUNYON	6.05		.12		.14		.12	.10	1.37					.14	1.30		*	.83	*	1.43					.14					.27		
SANDY HOOK	3.81		.15				.15	.20	.72					.23	.87		.41	T	.08	.53					.12					.34	.01	
SOMERVILLE	4.62							.38	1.16			T	.02	.03	1.24		.52	.18	.10	.68					.04					.27		
SPLIT ROCK POND	3.60			.01				.18	.28	.34			.05	.05	.41	.54		.61		.64	.07					.10					.32	
SUSSEX 3 N	2.31				T			.14	.47			.12			.82		.16	.10	T	.25						T				.25		
SWEDESBORO 5 NW	3.52		.07	.06			.01	T	.40	.05		.04	.02	.24	1.50	.07	.26	.35	.01	.25					T	T				.06	.13	
TOMS RIVER	4.90		.21		.03		.02	.01	.72					.38	1.15		.62		.00	.50						.05				.40		
TRENTON 2	6.77		.17		.12		.22	.58	.00			.03	.16	T	1.50		1.06	.02	.57	.93					.13					.31		T
TRENTON WB CITY R	5.54		.00		.08		.24	.28	.81			.03	.13		1.56		.80	.02	.70	.47					.08		T			.25		T
TUCKERTON 2 SW		RECORD MISSING																														
VINELAND	4.57			.30	.08				.12	.55		.01		.60	.65	.67		.68		.47	.01				.05	.03				.10	.25	
WANAQUE RAYMOND DAM	4.17				T		.02	.08	.30	.32		.01	.05	.06	.36	.60		.68		.03	.34				.08	.06					.28	
WESTFIELD	4.16		.11		.13	.01	.25	.24	.59	.02		.02	.06	D3	1.17		.68	.02	.26	.16					.06					.35		
WOODCLIFF LAKE	3.79			.06			.20	.22	.47			.04	.04		1.00		.78		.18	.44					.16					.20		
WOODSTOWN 2 NW		RECORD MISSING																														

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	42	44	52	50	50	49	54	53	49	51	50	41	40	50	43	42	37	34	34	37	43	53	55	50	38	54	52	37	39	48	49	45.8
	MIN	26	42	41	41	40	40	40	33	32	40	42	37	33	40	35	31	26	29	26	24	26	30	38	29	23	37	36	31	35	37	36	34.1
AUDUBON	MAX	50	55	63	51	66	53	53	45	49	58	61	56	39	49	45	37	35	31	31	41	47	53	53	44	38	52	50	41	38	49	47	47.7
	MIN	25	40	36	39	33	38	38	31	29	32	39	33	31	36	34	25	23	23	23	21	24	23	35	27	21	32	29	29	33	35	34	30.7
BELLEPLAIN	MAX	53	61	60	58	66	62	68	65	50	59	59	57	39	49	49	41	42	35	35	37	44	58	57	53	42	55	54	50	49	49	47	51.7
	MIN	20	40	35	38	22	45	34	35	27	30	40	32	25	40	35	32	17	22	21	20	19	22	37	32	15	25	21	27	30	30	22	28.7
BELVIDERE	MAX	46	53	56	49	64	54	50	46	48	56	52	52	37	36	45	37	38	30	38	50	50	53	51	45	38	51	47	46	42	47	46	46.9
	MIN	21	32	31	35	34	39	35	35	28	29	36	32	30	33	30	24	18	12	21	13	12	13	31	29	17	28	26	21	28	33	32	27.0
BOONTON	MAX	34	42	48	55	44	60	39	44	42	44	52	49	39	35	36	41	30	37	29	28	40	48	50	47	39	37	47	43	45	36	45	42.1
	MIN	15	21	33	36	25	28	35	34	29	29	30	32	29	31	31	26	18	12	21	18	14	21	26	34	16	19	27	19	25	31	33	25.7
BRIDGETON 1 NE	MAX																																
	MIN																																
BURLINGTON	MAX	41	46	54	48	57	56	45	46	48	55	60	59	40	45	48	44	43	34	31	42	48	51	51	48	33	51	51	43	40	48	47	46.9
	MIN	24	35	32	37	31	31	31	30	29	34	36	33	31	35	32	22	28	21	22	17	27	11	34	29	20	28	28	27	33	33	33	28.8
CANOE BROOK	MAX	33	45	54	59	45	63	52	49	41	46	52	53	39	37	42	43	38	32	30	29	40	50	49	47	35	38	48	44	46	39	51	44.2
	MIN	12	23	27	36	22	35	35	35	28	25	36	33	30	32	31	26	18	18	14	10	12	16	25	33	11	21	21	18	23	33	30	24.8
CAPE MAY 3 W	MAX	44	51	65	48	60	56	57	55	49	56	54	50	40	49	50	44	46	38	37	40	43	53	53	49	37	53	51	48	42	47	46	48.7
	MIN	22	37	39	41	32	43	40	39	34	41	42	39	35	39	37	39	28	27	27	27	28	35	33	31	25	36	31	33	33	37	42	34.6
CHARLOTTEBURG	MAX	32	40	49	55	40	60	39	49	45	44	52	52	38	34	38	38	28	30	26	31	40	46	48	46	33	32	44	40	44	35	44	41.0
	MIN	3	17	35	34	21	23	33	32	25	26	32	29	28	29	28	22	15	12	22	18	11	12	22	24	12	15	24	17	20	28	30	22.5
CHATSWORTH 5 S	MAX	49	58	62	53	66	63	57	60	60		60	50	40	50	48	38	40	40	32	40	46	52	52	53	38	54	50	52	51	48	51	50.4
	MIN	19	37	28	37	31	40	40	36	27		32	35	32	31	32	30	20	20	20	15	17	15	28	27	20	27	32	36	35	35	28	28.7
CLAYTON	MAX	47	53	61	57	66	59	58	54	49	60	60	60	39	46	45	45	37	35	31	36	47	53	53	45	37	53	53	45	40	49	46	49.0
	MIN	20	42	35	35	31	41	38	38	29	35	35	35	31	35	34	31	22	23	23	17	19	20	32	30	23	30	29	29	32	35	33	30.4
ELIZABETH	MAX	44	52	59	54	65	56	44	44	47	55	59	46	41	39	45	42	36	31	28	43	48	51	50	45	35	50	48	48	45	50	49	46.7
	MIN	19	31	29	38	27	38	32	38						35	32	28	16	17	22	11	18	16	27	27	17	28	28	24	28	34	29	26.5
ESSEX FELLS SERV BLDG	MAX	35	44	45	55	45	64	41	43	40	45	49	55	38	35	40	43	34	42	35	34	48	55	52	46	39	40	45	48	47	38	45	44.0
	MIN	13	15	28	30	22	32	34	34	28	31	37	28	28	33	32	25	22	20	20	22	28	28	29	25	20	28	29	25	28	32	28	26.9
FLEMINGTON 1 NE	MAX	45	54	60	47	67	65	46	44	47	55	52	51	38	40	44	40	34	29	30	44	47	48	48	46	35	48	45	44	40	47	46	46.0
	MIN	12	28	26	36	22	38	35	35	25	28	33	29	29	34	30	28	17	9	20	9	- 3	5	27	28	13	23	20	20	25	33	31	24.0
FREEHOLD	MAX	46	51	61	48	65	59	51	42	47	55	61	56	39	40	45	39	36	31	28	41	48	50	50	46	34	49	46	44	38	49	47	46.5
	MIN	18	35	35	37	29	37	36	36	28	31	36	34	31	35	31	31	18	16	22	11	15	20	31	26	18	28	29	23	27	33	32	28.0
HAMMONTON 2 NNE	MAX	36	49	52	62	51	67	60	60	62	50	61	60	43	40	51	42	41	36	29	30	39	45	54	56	48	38	59	50	42	45	56	48.8
	MIN	22	26	34	38	32	40	39	40	19	35	39	36	32	33	35	30	22	22	28	15	19	19	31	38	21	32	29	32	31	36	31	30.2
HIGHTSTOWN 1 N	MAX	45	51	59	55	63	59	48	42	46	55	60	57	38	39	45	40	33	31	29	40	45	47	48	45	34	49	47	43	39	47	45	45.9
	MIN	19	35	34	38	29	37	36	37	29	31	37	35	31	35	32	30	18	17	22	12	13	20	30	27	19	28	28	25	28	33	32	28.3
INDIAN MILLS 2 W	MAX	48	54	61	52	67	57	57	49	47	58	60	56	39	48	48	38	36	30	30	40	45	51	51	49	35	52	49	41	38	47	46	47.7
	MIN	14	36	29	38	25	40	37	36	28	29	38	35	31	35	31	27	22	18	23	11	10	14	27	28	20	27	25	26	33	34	31	27.7
JERSEY CITY	MAX	41	48	56	44	62	47	41	40	43	53	53	46	40	42	42	33	33	28	25	39	44	49	48	42	35	47	45	43	37	47	45	43.2
	MIN	23	33	38	37	27	36	36	32	29	38	40	30	36	33	30	22	22	20	20	22	24	29	36	23	18	32	31	26	33	33	34	29.8
LAKEWOOD 2 ENE	MAX	48	52	62	48	68	42	52	46	48	55	62	47	39	47	43	36	34	30	26	40	45	51	50	45	36	50	48	43	37	49	47	46.0
	MIN	12	38	33	39	23	37	37	30	29	33	39	33	32	38	29	22	18	16	19	15	15	14	32	22	19	27	23	22	23	35	29	26.9
LAMBERTVILLE	MAX	46	53	60	55	65	57	48	46	48	55	56	55	39	40	45	41	34	30	31	43	49	50	49	45	35	50	46	41	38	42	45	46.4
	MIN	17	35	29	38	26	38	37	36	29	29	36	32	30	35	33	29	20	16	22	10	7	12	26	30	20	30	24	23	31	34	32	27.3
LAYTON 3 NW	MAX	40	50	50	44	60	52	45	42	45	53	52	50	28	35	40	32	30	28	30	47	50	52	50	45	36	46	44	44	34	43	42	43.5
	MIN	- 5	30	25	25	20	34	33	33	25	21	23	22	27	30	26	12	15	2	17	11	8	4	20	26	11	17	16	17	16	29	21	19.7
LEESBURG STATE FARM	MAX	37	46	52	58	50	65	59	61	57	50	61	57	41	42	50	40	43	36	33	29	38	45	52	50	49	41	55	54	40	43	51	47.9
	MIN	17	29	33	34	28	34	40	43	32	35	41	39	32	34	35	30	25	22	24	19	22	20	31	41	22	29	27	31	32	32	34	30.5
LITTLE FALLS WATER CO	MAX	36	46	53	58	46	65	40	45	43	48	46	55	41	38	42	45	32	36	33	34	44	54	53	51	37	42	50	46	47	39	48	44.9
	MIN	15	26	33	39	26	38	35	35	28	30	35	33	30	32	32	27	18	13	21	18	28	27	30	30	16	27	27	22	27	33	33	27.9
LONG BRANCH	MAX	42	52	59	49	66	43	43	43	46	50	58	45	40	45	43	36	35	31	29	39	45	50	50	45	34	48	46	43	38	45	45	44.6
	MIN	19	40	35	30	30	35	38	30	29	33	39	31	31	37	33	23	21	22	24	20	24	25	32	24	19	32	32	29	28	34	32	29.4
LONG VALLEY	MAX	43	50	55	45	62	56	49	40	46	53	51	47	37	36	43	33	34	30	26	44	50	47	45	38	34	48	47	48	41	47	44	44.2
	MIN	8	28	30	35	22	36	33	32	26	27	33	30	28	32	30	24	8	5	8	15	20	5	24	25	15	24	25	18	24	31	28	23.5
MILLVILLE CAA AIRPORT	MAX	46	55	60	50	67	58	62	61	49	62	59	51	40	49	41	43	35	32	30	39	47	54	53	51	38	54	53	41	41	49	48	49.0
	MIN	14	34	30	28	28	40	40	32	30	30	43	35	31	38	30	26	21	21	20	16	23	18	33	24	21	30	30	31	32	32	30	28.7
MOORESTOWN	MAX	48	53	61	46	64	45	51	44	48	59	61	49	38	47	42	35	32	30	30	40	45	49	51	42	36	50	48	40	36	46	45	45.4
	MIN	22	39	36	32	32	38	38	30	30	35	38	32	31	37	32	24	22	23	23	19	19	21	35	24	21	32	30	28	33	34	33	29.8
MORRIS PLAINS	MAX	44	52	56	53	63	61	44	44	45	52	48	52	37	36	43	41	35	28	29	41	51	52	50	45	39	48	48	46	43	47	45	45.7
	MIN	12	28	31	37	24	36	34	33	27	30	33	30	29	32	30	24	16	10	18	19	8	10	30	25	14	27	26	20	23	32	30	25.1
NEWARK WB AIRPORT	MAX	45	53	59	46	65	47	43	42	47	51	57	44	38	42	44	33	33	29	27	40	47	50	50	42	35	49	46	46	38	48	47	44.6
	MIN	22	36	34	35	31	36	36	30	30	35	38	31	30	35	31	21	18	19	22	22	25	24	36	23	18	30	30	26	31	34	33	29.1
NEW BRUNSWICK EXP STA	MAX	45	52	59	58	64	63	45	42	47	55	60	58	39	38	45	43	33	32	27	41	46	49	48	47	35	49	47	45	45	47	46	46.8
	MIN	19	31	32	38	28	37	36	36	29	33	36	34	30	36	33	29	19	17	22	16	15	21	32	26	18	28	31	24	28	34	31	28.4
NEWTON	MAX	32	44	50	52	42	61	40	50	41	45	49	50	39	37	39	39	26	31	28	28	40	48	50	47	33	35	46	41	41	34	43	41.3
	MIN	4	20	32	35	25	37	34	34	27	28	33	29	28	28	29	20	14	19	18	17	1	8	25	26	14	16	23	17	21	31	30	23.3
PATERSON	MAX	35	43	52	57	46	63	40	43	42	46	54	55	40	40	42	45	31	35	31	34	41	53	54	50	35	40	48	45	42	39	48	44.2
	MIN	21	23	32	40	30	38	35	35	29	32	36	34	30	32	32	27	18	17	20	20	22	25	34	33	17	22	33	25	30	33	33	28.6
PEMBERTON 3 E	MAX	48	54	62	58	67	63	55	53	46	60	61	58	39	44	47	41	35	33	30	43	48	50	50	50	37	53	51	47	40	49	47	49.0
	MIN	14	36	29	36	22	39	37	38	25	32	37	35	31	35	31	27	20	19	23	12	17	15	29	29	19	28	25	25	33	32	36	27.9
PHILLIPSBURG	MAX	47	55	59	59	65	65	49	49	48	54	54	54	38	40	43	43	35	35	34	45	48	50	50	51	36	50	50	45	44	47	47	48.0
	MIN	17	33	30	36	26	39	36	37	29	29	36	31	32	34	31	27	20	13	21	17	22	16	32	29	19	31	26	24	30	33	31	28.0
PLAINFIELD	MAX	45	53	60	49	65	51	45	42	46	55	60	52	39	40	45	35	36	32	28	44	50	52	50	39	35	50	48	48	40	48	48	46.1
	MIN	15	31	32	37	27	37	36	34	30	29	35	32	30	35	32	25	18	16	21	11	14	15	27	26	18	29	28	22	27	34	30	26.9
PLEASANTVILLE 1 N	MAX	37	44	52	58	50	65	53	58	54	49	54	56	41	41	50	42	42	38	36	29	39	45	52	55	50	38	54	53	40	40	50	47.3
	MIN	13	22	32	38	24	35	39	42	28	32	38	39	32	33	32	32	22	17	25	14	16	17	30	38	20	22	24	28	31	36	29	28.4
RIDGEFIELD	MAX	42	51	57	46	63	39	42	41	47	54	56	41	38	41	44	33	35	33	25	45	50	53	52	42	37	49	47	47	45	49	47	44.9
	MIN	20	36	34	29	28	35	35	29	29	31	38	32	31	35	31	21	17	16	21	20	23	19	31	22	17	28	31	22	29	34	32	27.6

See Reference Notes Following Station Index

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RUNYON	MAX	48	54	61	55	65	60	43	44	42	45	62	60	40	40	39	36	35	34	30	44	50	52	54	34	32	46	44	49	44	44	49	46.3
	MIN	9	31	28	38	21	37	34	36	29	25	36	35	32	36	32	32	18	11	22	7	9	10	21	25	16	22	23	21	27	27	30	25.2
SANDY HOOK	MAX	39	50	54	50	60	50	40	40	44	46	55	50	39	40	41	39	34	30	26	37	43	47	46	43	35	48	46	44	39	44	46	43.4
	MIN	29	37	45	42	35	37	34	37	28	38	38	38	34	37	39	32	22	24	23	24	30	31	37	26	19	31	30	30	35	35	34	32.6
SOMERVILLE	MAX	45	54	59	50	65	54	46	46	48	55	55	52	39	39	45	33	35	30	29	46	50	51	50	44	48	50	45	45	38	47	47	46.5
	MIN	13	32	31	37	23	38	36	36	29	28	36	33	30	36	33	28	16	12	22	5	6	10	21	29	28	28	25	21	25	33	30	26.1
SUSSEX 3 N	MAX	40	50	50	44	58	49	44	42	45	54	50	49	37	35	39	35	28	27	25	37	44	48	47	42	33	45	40	40	36	44	40	41.8
	MIN	4	35	32	29	26	33	32	34	26	29	33	32	28	31	28	17	13	6	19	13	4	12	30	20	13	20	23	15	20	29	25	22.9
TRENTON 2	MAX	47	52	60	50	65	49	48	43	48	55	59	48	40	45	43	35	35	30	30	43	47	50	51	43	37	52	49	44	37	48	47	46.1
	MIN	21	37	35	36	32	36	36	30	28	37	37	30	30	35	32	21	18	18	21	19	19	21	32	23	19	33	30	25	33	33	31	28.6
TRENTON WB CITY	MAX	46	51	60	51	64	47	49	43	47	55	59	46	39	47	42	34	32	28	29	41	45	50	50	43	35	49	47	41	37	46	45	45.1
	MIN	25	43	38	38	35	37	37	31	30	38	39	32	31	37	33	22	20	21	23	22	25	26	36	24	21	34	31	27	35	34	33	30.9
TUCKERTON 2 SW	MAX																																
	MIN																																
WOODSTOWN 2 NW	MAX																																
	MIN																																

Table 7

SNOWFALL AND SNOW ON GROUND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	SNOWFALL													T			.4		4.4	5.4					T		T					
	SN ON GND													T			T	T		4	5	2	T	T								
	WTR EQUIV																			.7	.7	.3										
BELVIDERE	SNOWFALL																1.0	1.0	1.0	11.0					1.0					.5		
	SN ON GND																-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CHARLOTTEBURG	SNOWFALL														.5	1.5		7.0		12.0	5.0				1.0	1.5					1.0	
	SN ON GND	1													1	1		7	7	19	24	19	16	14	15	15	15	14	12	8	7	6
CHATSWORTH 5 S	SNOWFALL													2.0				.8	4.0	9.0												
	SN ON GND													-					4	13	9	6	1	T	T	T						
CLAYTON	SNOWFALL												T	3.6	T		T	1.5	3.5	4.8					T							
	SN ON GND													T	T			T	4	8	4	2	T	T	T							
FLEMINGTON 1 NE	SNOWFALL												T	1.5			3.5	2.5	3.0	17.0					2.5		T			T		.5
	SN ON GND												T				4	4	7	22	14	10	8	6	8	7	5	4	3	3	2	1
FREEHOLD	SNOWFALL													.8			.5	2.0	3.0	8.0					.5							
	SN ON GND																	1	4	12	9	6	2	T	T	T						
HIGHTSTOWN 1 N	SNOWFALL												T	1.0			.7	1.3	3.0	7.0					.5					T		T
	SN ON GND																T	1	4	11	8	6	3	1	1	T	T					
INDIAN MILLS 2 W	SNOWFALL												T	2.6			.2	.9	5.0	6.3												T
	SN ON GND													T				T	5	10	7	4	1	T	T							
LAKEWOOD 2 ENE	SNOWFALL												T	1.1			1.0	T	6.0	6.3											T	
	SN ON GND													1	1	1	2	2	8	14	12	8	5	3	T	T	T	T				
LONG VALLEY	SNOWFALL																*	6.5	6.0	14.0												
	SN ON GND																-	-	-	-	-	-	-	-								
MILLVILLE CAA AIRPORT	SNOWFALL													2.2			.9	T	3.3	4.4					.4				T			
	SN ON GND													2				1		6	7	2										
MOORESTOWN	SNOWFALL								T					1.5			T	1.0	*	8.0	1.0				T	T						
	SN ON GND													2				1	T	8	9	6	3	1	T	T						
MORRIS PLAINS	SNOWFALL		T				T		T				T	.9	T		2.7	3.3		23.0					.8					T	T	T
	SN ON GND						-		-				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWARK WB AIRPORT	SNOWFALL						T						.9	.5	T		5.6	.1	5.5	12.7					.7		T			T		
	SN ON GND													1				5	3	18	17	10	8	3		T						
	WTR EQUIV																															
NEW BRUNSWICK EXP STA	SNOWFALL													.3			3.5	1.5	1.5	10.8					1.3							
	SN ON GND																4	3	4	15	9	6	5	3	4	3	T					
NEWTON	SNOWFALL												T	T	2.0			6.0		12.0	1.0				1.0						2.0	
	SN ON GND	1	1										T	T	2	2		6	4	16	17	15	10	7	6	5	5	4	2		2	
PATERSON	SNOWFALL												T	.5	.1	T	T	7.0		18.0	1.5				.5	1.5					T	T
	SN ON GND													1			T	7	5	22	19	14	12	8	5	2	1					
PEMBERTON 3 E	SNOWFALL													2.3			.5	.6	3.5	5.5												
	SN ON GND																		4	9	4	3	1									
PLAINFIELD	SNOWFALL						T		T				.3	1.0			4.0	1.4	3.2	11.8					.8		T			T		T
	SN ON GND												T				4	3	5	17	9	7	5	1	1	1	T					
RIDGEFIELD	SNOWFALL												1.2	T			6.0		4.0	12.0					1.0					T		
	SN ON GND												1				6	5	4	16	14	9	5	4	3	2	1	1				
SOMERVILLE	SNOWFALL							T					T	.3			2.6	1.8	1.0	18.0					T					T		
	SN ON GND																3	3	3	21	18	9	5	3	3							
SUSSEX 3 N	SNOWFALL														-		3.0	-	T	10.0						-				1.5		
	SN ON GND														5	3	6	10	10	20	18	16	14	12	10	12	12	10	6	8	6	5
TRENTON WB CITY	SNOWFALL												1.0				5.0	.2	7.0	5.2					.4		T			T		T
	SN ON GND												T	T			T	3	1	12	12	6	3	1	T	T	T					

STATION INDEX

Station	Index No.	County	Drainage	Latitude	Longitude	Elev. (ft.)	Time of observation: Zone	Time of observation: Temp.	Time of observation: Precip.	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Observer	Refer to tables
ALLENDALE	0100	BERGEN	PA55AIC	41 02	74 08	270	EST		MID				BERGEN CDUNTY ENGINEERS	C
# ATLANTIC CITY W8	0325	ATLANTIC	COASTAL	39 22	74 25	8	EST	MID	MID	82	82		U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	DELAWARE	39 54	75 04	50	EST	11P	11P		6		IRVIN J. NYGREN	2 3 5
BAS5 RIVER STATE FDRE5T	0528	BURLINGTON	COA5TAL	39 37	74 26	20	EST		6P		9		N. Y. FDRESTRY SERVICE	3
BELLEPLAIN	0690	CAPE MAY	CDASTAL	39 16	74 52	49	EST	5P	5P	61	61		MRS. ED C. HOFFMAN	2 3 5
BELMAR	0721	MONMDUTH	CDA5TAL	40 10	74 02	19	EST		MID		14		CITY WATER OEPT	3
BELVIDERE	0729	WARREN	DELAWARE	40 50	75 05	289	EST	5P	5P	63	63		MISS C. S. HIXSDN	2 3 5 7
BERLIN 1 W	0787	CAMDEN	MULLICA	39 48	74 57	150	EST		7A		14		SAMUEL H. MC CULLEY	3
BOONTON	0907	MDRRIS	PA55AIC	40 54	74 24	280	EST	8A	8A	47	65		JERSEY CITY WATER WORKS	2 3 5
BRANCHVILLE	0978	SU55EX	DELAWARE	41 09	74 47	570	EST		7A				ALBERT M. DAVENPORT	3
BRIDGETDN 1 NE	1028	CUMBERLANO	DELAWARE	39 28	75 12	114	EST	9A	9A	67	72		RADIO STATION W5NJ	2 3 5
BURLINGTON	1211	8URLINGTDN	DELAWARE	40 04	74 53	12	EST	6P	6P	43	69		PUBLIC SERVICE E & G CO	2 3 5
CANISTEAR RESERVOIR	1327	SU5SEX	PASSAIC	41 07	74 30	1040	E5T		8A		15		NEWARK WATER DEPT	3
CANDE BROOK	1335	ESSEX	PASSAIC	40 45	74 21	180	EST	9A	9A	25	25	25	COMMDNWEALTH WATER CD	2 3 5 6
CANTON	1343	5ALEM	DELAWARE	39 28	75 25	10	E5T		9A		9		GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	COASTAL	38 56	74 57	17	EST	5P	5P	30	67		NORTHWE5T MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ES5EX	PASSAIC	40 52	74 13	400	EST		8A		15		J. A. PLUNKETT	3
CENTERTON	1512	SALEM	MAURICE	39 31	75 10	80	EST		MID				JOHN HOPKIN5 UNIVERSITY	C
CHARLOTTEBURG	1582	PA55AIC	PA55AIC	41 03	74 26	760	EST	7A	7A	63	63		NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MDRRIS	PASSAIC	40 44	74 23	185	E5T		8A		51		EDWARD P. MDLITDR	3
CHATSWORTH 5 S	1598	BURLINGTON	COASTAL	39 44	74 32	90	EST	5P	5P	15	15		WILLIAM 5. HAINES	2 3 5 7
CLAYTON	1708	GLOUCE5TER	MAURICE	39 39	75 06	120	EST	6P	6P	42	62		HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	RARITAN	40 38	74 55	300	EST		6P		12		L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	OELAWARE	39 41	75 30	12	EST		MID		15		DU PONT DE NEMOURS CO	3
ELIZABETH	2644	UNION	CDASTAL	40 40	74 14	33	E5T	SP	5P	76	76		UNIDN CO PARK COMMISSION	2 3 5
ELIZABETHPORT	2652	UNION	PASSAIC	40 39	74 12	30	EST		MID		16		SEWAGE TREATMENT PLANT	3 C
ESSEX FELLS SERVICE BLDG.	2768	E55EX	PASSAIC	40 50	74 18	250	EST	8A	8A	7	7		BDROUGH ESSEX FELLS	2 3 5 C
FLEMINGTDN 1 NE	3029	HUNTERDON	RARITAN	40 31	74 51	134	EST	5P	5P	58	69		DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	DELAWARE	39 14	75 10	5	EST		5P		11		F. A. RODENBAUGH	INACTIVE 10/55
FREEHOLO	3181	MONMOUTH	RARITAN	40 15	74 17	194	EST	6P	6P	51	51		FRANK J. MDREAU	2 3 5 7 C
GLA5SBORO	3291	GLOUCESTER	DELAWARE	39 42	75 07	150	EST		MID				PROF. J. B. SANGREE	C
GREENWDOD LAKE	3516	PASSAIC	PASSAIC	41 09	74 20	660	EST		7A		13		WATER 5UPPLY COMMISSION	3
HACKENSACK	3572	8ERGEN	HACKENSACK	40 53	74 03	10	EST		MID				BERGEN COUNTY ENGINEERS	C
HAMMONTON 2 NNE	3662	ATLANTIC	MULLICA	39 39	74 48	85	EST	8A	8A	23	49		W. HUBBARO PARKHURST	2 3 5
HIGHTSTDWN 1 N	3951	MERCER	RARITAN	40 16	74 31	100	EST	8P	8P	59	62		JAME5 R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STATION	3956	MERCER	RARITAN	40 17	74 32	75	EST		MID				DEPT WATER AND SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	MULLICA	39 48	74 47	100	EST	7P	7P	65	66		EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ES5EX	COASTAL	40 43	74 15	120	EST		MID		16		JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSDN	COASTAL	40 44	74 04	135	EST	MID	MID	57	57		JERSEY CITY WATER DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	COASTAL	40 06	74 11	54	EST	MID	MID	51	51		GEDRGE G. WADOILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	DELAWARE	40 22	74 57	75	E5T	6P	6P	68	68		E. E. CASE	2 3 5
LAYTON 3 NW	4735	SU55EX	DELAWARE	41 15	74 51	480	EST	6P	6P	54	54		A. M. OEPUE	2 3 5
LEE5BURG STATE FARM	4762	CUMBERLAND	MAURICE	39 14	74 58	10	EST	8A	8A	5	5		LEESBURG STATE FARM	2 3 5
LITTLE FALL5 WATER CO	4887	PASSAIC	PASSAIC	40 53	74 14	157	EST	9A	9A	41	52		PASSAIC VALLEY WATER CO	2 3 5 C
LONG BRANCH	4987	MONMOUTH	COASTAL	40 18	74 00	34	E5T	MID	MIO	47	47		STORM WARNING DISPLAY STA	2 3 5 C
LONG VALLEY	5003	MORRIS	RARITAN	40 48	74 46	660	EST	6P	6P	25	25		ARTHUR 8ARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	DELAWARE	39 58	74 48	25	EST		MID				JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	PA5SAIC	41 01	74 24	1020	EST		9A		15		NEWARK WATER DEPT	3
MANVILLE	5197	SOMERSET	RARITAN	40 33	74 34	50	E5T		MID		15		JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMDUTH	COASTAL	40 20	74 14	120	EST		MID				GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	DELAWARE	39 54	74 57	90	EST		6P		14		DAVID GRI5COM	3
MAYS LANDING	5346	ATLANTIC	GREAT EGG HARBOR	39 27	74 44	50	EST		5P		11		ELMER EARLE	3
MIOLANO PARK	5503	8ERGEN	PASSAIC	40 59	74 09	210	EST		MIO		9		CORNELIUS HOWARD	3
MILLVILLE	5576	CUMBERLANO	MAURICE	39 24	75 03	60	E5T		MID		15		L. J. GALLAHER	3 C
MILLVILLE CAA AIRPORT	5581	CUMBERLAND	MAURICE	39 22	75 04	68	EST	MID	MID	9	9		CIVIL AERO. AOM.	2 3 5 7
MILTON	5597	MORRIS	PASSAIC	41 01	74 32	950	EST		7A		15		JERSEY CITY WATER WORKS	3
MOORESTOWN	5728	BURLINGTON	DELAWARE	39 58	74 58	55	EST	MIO	8A	92	92		H. J. WILLARD	2 3 5 7
MORRIS PLAINS	5769	MDRRIS	PASSAIC	40 50	74 30	500	EST	4P	4P	10	14		JAME5 C. LONG	2 3 5 7
NEWARK W8 AIRPORT	6026	ES5EX	COA5TAL	40 42	74 10	11	E5T	MID	MIO	56	101		U. S. WEATHER BUREAU	2 3 5 7 C
NEW 8RUNSWICK EXPERIMENT 5TA	6062	MIDDLESEX	RARITAN	40 28	74 26	80	EST	5P	5P	98	101		ARTHUR H. AHLQUIST	2 3 5 7
NEW MILFORO	6146	BERGEN	HACKENSACK	40 57	74 02	12	EST		MID		37		HACKENSACK WATER CO	3 C
NEWTON	6177	SU5SEX	DELAWARE	41 03	74 45	565	EST	8A	8A	72	72		NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PA55AIC	PASSAIC	41 02	74 30	870	EST		8A		15		NEWARK WATER DEPT	3
ORANGE	6560	ESSEX	PASSAIC	40 47	74 14	140	EST		MIO		15		COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	PASSAIC	40 55	74 09	100	EST	8A	8A	85	84		P. J. OEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	DELAWARE	39 58	74 38	60	EST	SP	SP	26	26		CHARLES A. OOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	DELAWARE	40 41	75 12	182	EST	3P	3P	64	72		SEWAGE OISPOSAL PLANT	2 3 5
PHILLIPSBURG BRIOGE	6979	WARREN	OELAWARE	40 42	75 12	196	EST		9A		16		JOINT TOLL BRIOGE COMM	3
PLAINFIELD	7079	UNION	RARITAN	40 36	74 25	120	EST	8P	8P	64	67		S. K. PEARSON	2 3 5 7
PLEASANTVILLE 1 N	7131	ATLANTIC	COASTAL	39 25	74 31	8	EST	8A	8A	32	57	32	ATLANTIC CITY WATER WKS	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	RARITAN	40 19	74 40	90	EST		MID		7		PRINCETON WATER CO	3
RAHWAY	7393	UNION	RAHWAY	40 36	74 15	20	EST		MIO		16		RAHWAY VLY SWG AUTH	3 C
RIDGEFIELO	7S4S	BERGEN	HACKENSACK	40 50	74 01	80	EST	MIO	MIO	38	38		GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	PASSAIC	41 08	74 16	305	EST		10A		15		NO JERSEY WATER SUPPLY	3
RUNYON	7825	MIDDLESEX	COASTAL	40 26	74 20	18	EST	6P	6P	31	32	32	N. J. WATER COMMISSION	2 3 5 6
SANOY HOOK	7869	MONMOUTH	COASTAL	40 28	74 01	22	EST	7P	7P	57	S7		U. S. COAST GUARO	2 3 5
SOMERVILLE	8194	SOMERSET	RARITAN	40 34	74 37	75	EST	6P	6P	69	72		W. E. HAVER	2 3 5 7
SPLIT ROCK PONO	8402	MORRIS	PASSAIC	40 58	74 28	800	EST		10A		15		JERSEY CITY O P W	3
SPRINGFIELD	8423	UNION	COASTAL	40 43	74 18	–	EST		MID				N. J. OEPT OF CONSERVA.	C
SUSSEX 3 N	8644	SUSSEX	HUDSON	41 14	74 35	530	EST	6P	6P	57	60		BRICE B. STANTON	2 3 5 7
SWEDESBORO 5 NW	8685	GLOUCESTER	OELAWARE	39 47	75 24	10	EST		NOON		9		SUN OIL CO	3
TOMS RIVER	8816	OCEAN	COASTAL	39 57	74 14	10	EST		5P		34		ROBERT F. SNYDER	3
TRENTON 2	8878	MERCER	OELAWARE	40 14	74 46	105	EST	MID	MID	25	25		E. H. RISTOW	2 3 5
# TRENTON WB CITY	8883	MERCER	OELAWARE	40 13	74 46	56	EST	MIO	MID	83	83		U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8899	OCEAN	COASTAL	39 35	74 22	45	EST	8A	8A	56	61		VERNON W. MOTT	2 3 5
VINELANO	9135	CUMBERLAND	MAURICE	39 29	75 00	110	EST		8A	61	75		ROBERT JONES	3
WANAQUE RAYMOND DAM	9187	PASSAIC	PASSAIC	41 02	74 18	320	EST		8A		15		WATER SUPPLY COMMISSION	3 C
WATCHUNG	9271	UNION	PASSAIC	40 40	74 25	–	EST		MID				BONNIE BURN SANITARIUM	C
WESTFIELO	9455	UNION	RAHWAY	40 39	74 21	135	EST		5P		16		TOWN ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	HACKENSACK	41 01	74 03	103	EST		MID		36		HACKENSACK WATER CO	3 C
WOOOSTOWN 2 NW	9910	SALEM	OELAWARE	39 40	75 20	16	EST	6P	8A	9	19		WOODROW W. HALTER	2 3 5
NEW STATIONS														
GREAT MEADOWS	3416	WARREN	DELAWARE	40 53	74 55	560	EST		MID				EOWARD KOWALICK	C
TRANQUILITY 2 W	88S8	WARREN	OELAWARE	40 57	74 50	551			MIO				H. J. ERVEY	C

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Long-term means for full-time Weather Bureau stations (those shown in the Station Index as United States Weather Bureau Stations) are based on the period 1921-1950, adjusted to represent observations taken at the present location.

- \- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- \+ And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- Φ Data in the column formerly headed No. of Days .01 or more have been changed to No. of Days .10 or more effective January 1, 1954.
- \# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C Data for recorder stations denoted by "C" are processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the Annual issue of Hourly Precipitation Data.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Additional information regarding the climate of New Jersey may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC., Asheville, N. C. --- 5/1/56 --- 775

UNNJ
Cop. 1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

APRIL 1956
Volume LXI No. 4

ASHEVILLE: 1956

WEATHER SUMMARY

GENERAL

This month's weather was characterized by a deficiency in both precipitation and temperature, but snowfall was considerably in excess of most past April's.

Cold weather of the month placed this as the coldest April since 1943 and among the coldest since 1885. As was the case last month all stations having long-term averages showed negative departures, with -4.7° at Lakewood 2 ENE being greatest. Extreme readings ranged from a high of 88° on the 28th at Lakewood 2 ENE to a low of 14° on the 8th at Phillipsburg.

Further evidence of April's deficient precipitation was indicated by the fact that more stations having long-term averages showed negative departures than positive. The extreme monthly totals varied from 1.81 inches at Belleplain to 6.29 inches at Canistear Reservoir. The greatest daily amount was 2.65 inches at Canistear Reservoir on the 30th.

Snowfall this month was unusual, ranking with 1944 as the sixth snowiest April since 1895. The greatest monthly total was 20.0 inches at Canistear Reservoir.

WEATHER DETAILS

High pressure and slightly below normal temperatures prevailed as April began, however, warmer weather began on the 3rd and continued through the 6th with readings averaging several degrees above normal for the period. This period was somewhat unsettled with very light amounts of precipitation on the 2nd, 3rd and 4th.

A prolonged cold spell which persisted from the 7th to 27th was interrupted twice, on the 16th and 22nd, as warm southerly winds in advance of approaching disturbances raised temperatures to normal or somewhat above. The 28th to 30th was the warmest period of the month and all stations reported their maximum readings for the month on one of these dates.

Rain began falling in the State late on the 6th as a disturbance moved into the area from the lower Mississippi Valley. Incoming cold air associated with another disturbance that moved into the State from the Great Lakes Region began changing the rain to snow late on the 7th, and precipitation continued falling until late on the 8th. The next appreciable precipitation began on the 15th and pressure patterns that controlled the State's weather during the remainder of the month caused frequent light amounts over the State but occurrences were mostly of short duration.

WEATHER EFFECTS

Cool weather in April retarded crop growth and resulted in plant development being about two weeks behind usual. Frequent light rains hindered farm work and progress was somewhat behind schedule.

As the month ended the asparagus season was reported as being ten days to two weeks late due to prolonged cold weather. Snap beans have been planted in the Vineland and Cedarville acreage, and planting was continuing. Transplanting of early beets was underway in the Northern Sections, but work was later than usual. Early plantings of cabbage have made only slow progress due to cold weather. Soil in many northern areas was too wet and cold to work satisfactorily until the last week in the month. "Frame" cauliflower made very slow progress due to the late spring. Some transplanting of out-of-door crop has started, but most growers reported that progress was at least two weeks behind schedule. "Frame" celery was also making slow growth, and field planting in both Great Meadows and Bergen Counties was getting started, but warmer weather was needed. Early plantings of spring lettuce have made slow progress due to cold weather, but stands in most sections were good and warmer weather would improve conditions materially within a short time. Planting of onion sets was about completed in the Great Meadows area but seeding still continued Normal progress was reported in the Cedarville area. Potato planting has been completed in most commercial sections. Tomato planting continued in all areas after being retarded by cold weather.

The U. S. Geological Survey reported that streamflow was excessive in northern New Jersey and that Wanaque Reservoir was spilling at end of month.

DESTRUCTIVE STORMS

On April 7-8 during a 36-hour period a sleet and snow storm caused minor crop damage and property damage estimated at $100,000. The greatest damage was to telephone and power lines. The heavy, wet snow clung to wires, froze, then offered great resistance to the 25-45 mph winds. Wires were snapped and telephone service and power were interrupted in hundreds of homes. A few large trees were downed, and one actually fell on a moving vehicle causing much damage. Five and possibl more persons were injured in traffic accidents mostly in North Jersey where up to 20 inches of snow fell. Central and South Jersey had mostly slushy conditions, but the large, wet flakes made visibility near zero for drivers on the night of the 7th.

FLOODS

There were none reported during the month.

Franklin W. Long

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed: Fastest mile	Wind speed: Direction of fastest mile	Wind speed: Date of fastest mile	Relative humidity averages - percent: 1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Number of days with precipitation: Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB	-	-	17.2	56	SW	16	-	-	-	-	4	4	5	1	0	0	14	46	6.2
LONG BRANCH	NW	14	15.6	64	E	7	-	78	60	64	6	2	5	0	2	0	15	58	6.5
NEWARK WB AIRPORT	WNW	11	11.1	39*	SSW	16	72	70	52	60	4	5	6	2	0	0	17	-	6.4
TRENTON WB CITY	-	-	10.4	38	NW	16	-	-	-	-	7	5	4	1	1	0	18	57	6.1

* This datum is obtained by visual observation since recording equipment is not available. It is not necessarily the fastest mile occurring during the period.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max 90° or Above	Max 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
ATLANTIC CITY WB	R	53.2	40.9	47.1	- 2.3	79	30	31	1	533	0	0	1	0	2.71	- .69	.90	7	.4	0		6	1	0
AUDUBON		61.0	39.0	50.0		85	28	29	25	451	0	0	4	0	2.16		.44	4		0		7	0	0
BELLEPLAIN		60.5	36.2	48.4		82	28	26	1+	494	0	0	12	0	1.81	- 1.75	.48	7	2.0			6	0	0
BELVIDERE		59.6	36.6	48.1	- 2.8	86	29	27	25	508	0	0	13	0	4.05	.11	1.37	8	T	0		7	2	1
BOONTON	AM	55.5	35.1	45.3	- 3.4	82	29+	25	2	590	0	0	14	0	3.30	- .40	1.18	8		0		6	3	1
BRIDGETON 1 NE	AM	59.8M	38.8M	49.3M		84	29	29	1+	482	0	0	9	0	2.28		.63	7	.0	0		6	1	0
BURLINGTON		60.7	40.7	50.7	- 2.3	86	28	29	1+	426	0	0	4	0	3.18	- .24	1.00	8		0		5	3	1
CANOE BROOK	AM	56.1	33.4	44.8	- 3.5	85	29	22	25	612	0	0	18	0	3.22	- .64	1.03	8				6	3	1
CAPE MAY 3 W		57.0	41.5	49.3		73	28	33	24	461	0	0	0	0	2.30		.60	8		0		7	1	0
CHARLOTTEBURG	AM	54.2	32.5	43.4	- 4.6	83	29	20	2	648	0	0	19	0	3.77	- .32	1.10	8	13.5	9	8	6	3	1
CHATSWORTH 5 S		59.7M	36.2M	48.0M		84	28	25	1	503	0	0	11	0	2.98		.96	16	T	0		6	3	0
CLAYTON		61.0	38.4	49.7		85	28	29	1	460	0	0	7	0	2.93		.64	8	T	T	8	8	2	0
ELIZABETH		59.8	35.9	47.9	- 3.8	85	28	26	25	519	0	0	13	0	3.43	- .43	1.51	8	3.0	2	8	5	2	1
ESSEX FELLS SERV BLDG	AM	56.7	34.4	45.6		85	29	25	2+	588	0	0	13	0	2.91		1.21	8		9	8	5	2	1
FLEMINGTON 1 NE		59.5	34.2	46.9	- 4.2	84	28	21	25	546	0	0	13	0	4.05	.40	1.36	8	7.0	2	8	7	3	1
FREEHOLD		58.4	36.8	47.6	- 2.9	85	29	27	1	522	0	0	9	0	3.15	- .41	1.20	8	4.0	2	8	6	2	1
HAMMONTON 2 NNE	AM	60.8	38.3	49.6	- 2.4	86	29	28	1+	471	0	0	5	0	3.08	- .59			.0	0				
HIGHTSTOWN 1 N		58.4	37.4	47.9	- 2.7	83	28+	27	1	514	0	0	11	0	2.58	- .72	1.16	8	3.5	2	8	5	2	1
INDIAN MILLS 2 W		59.8	35.3	47.6	- 3.6	86	28	23	1	524	0	0	15	0	2.60	- .86	.77	7	T	0		5	2	0
JERSEY CITY		53.9	39.7	46.8	- 3.6	82	28	32	21+	542	0	0	2	0	3.33	- .12	1.26	7				7	2	2
LAKEWOOD 2 ENE		57.5	34.3	45.9	- 4.7	88	28	23	13	574	0	0	16	0	3.93	.21	1.64	8	1.8	2	8	6	2	1
LAMBERTVILLE		59.4	36.8	48.1	- 2.6	84	28	26	25	511	0	0	11	0	3.04	- .55	1.25	8	1.0	0		6	2	1
LAYTON 3 NW		57.8	29.9	43.9	- 3.5	83	28	17	2+	630	0	0	19	0	5.19	1.42	1.18	8	7.3			9	5	1
LEESBURG STATE FARM	AM	57.8	38.0	47.9		79	29	27	10	514	0	0	10	0	2.62		.56	26	.5	T	25	7	2	0
LITTLE FALLS WATER CO	AM	58.4	36.8	47.6	- 2.8	86	29	27	2	523	0	0	10	0	3.19	- 1.05	1.20	8	5.2	5	8	6	2	1
LONG BRANCH		55.1	37.2	46.2	- 3.3	86	28	29	1+	564	0	0	10	0	3.78	.24	1.50	8	3.5	1	8	7	2	2
LONG VALLEY		57.3	33.5	45.4		84	28	23	21+	587	0	0	17	0	D 3.81	.00	1.00	7	9.0					1
MILLVILLE CAA AIRPORT		60.5	37.4	49.0		85	28	26	10	485	0	0	9	0	2.91		.72	7	.9	0		7	1	0
MOORESTOWN		59.3	38.2	48.8	- 2.2	83	28	28	25	490	0	0	5	0	2.98	- .49			.5	T	8			
MORRIS PLAINS		58.9	34.8	46.9		83	28+	23	2+	548	0	0	13	0	4.21		1.38	8	9.0			7	4	1
NEWARK WB AIRPORT	R	56.9	38.7	47.8	- 2.2	85	28	32	1+	516	0	0	3	0	3.04	- .23	.86	7	3.4	3	8	8	2	0
NEW BRUNSWICK EXP STA		58.9	37.3	48.1	- 2.7	84	28	28	1+	512	0	0	9	0	3.23	- .11	1.38	8	1.8	T	8	7	2	1
NEWTON	AM	55.0	33.9	44.5	- 3.7	82	29	22	2	618	0	0	17	0	5.09	1.49	2.33	30		6	8	8	3	1
PATERSON	AM	57.4	39.1	48.3	- 2.6	85	29	30	2	513	0	0	5	0	4.49	.53	1.90	8	3.5	3	8	7	3	1
PEMBERTON 3 E		61.1	35.7	48.4	- 3.7	85	28	23	21	502	0	0	13	0	3.17	- .27	.97	7	1.5	T	8	7	2	0
PHILLIPSBURG		60.8	36.0	48.4	- 1.8	85	28+	14	8	504	0	0	14	0	3.90	.00	.77	16	2.0	T	8	8	4	0
PLAINFIELD		58.6	36.1	47.4	- 3.3	85	28	26	21	530	0	0	12	0	4.00	.25	1.56	8	4.0	2	8	6	2	2
PLEASANTVILLE 1 N	AM	56.0	36.0	46.0	- 4.0	74	29+	22	21	563	0	0	12	0	2.60	- .99	.59	6	1.0	T	24	6	2	0
RIDGEFIELD		58.4	37.5	48.0	- 2.2	85	28	28	1	507	0	0	8	0	3.46	- .20	1.17	7	5.0	5	8	5	3	1
RUNYON		60.6	34.9	47.8	- 1.3	87	28+	22	1+	524	0	0	14	0	3.38	- .18	1.60	8	3.0	3	8	6	2	1
SANDY HOOK		54.2	39.3	46.8	- 2.8	85	28	32	8	543	0	0	1	0	2.62	.35	.97	8	2.5	0		6	2	0
SOMERVILLE		59.3	35.4	47.4	- 2.9	84	28+	24	21+	528	0	0	12	0	3.13	.41	1.17	8	5.0	T	8	6	2	1
SUSSEX 3 N		55.9	34.9	45.4	- 3.9	82	28	22	2	581	0	0	13	0	4.78	1.04	1.09	30	12.0	12	8	9	3	1
TRENTON 2		59.6	38.0	48.8		84	28+	29	1+	488	0	0	6	0	3.55	.18	1.45	7	5.1	2	7+	6	2	1
TRENTON WB CITY	R	58.2	40.1	49.2	- 1.5	83	28	33	1+	476	0	0	0	0	2.72	.28	1.00	7	4.2	2	8	6	2	1
AVERAGE				47.5											3.31				3.5					

† DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

DAILY PRECIPITATION

Table 3

NEW JERSEY
APRIL 1956

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
ATLANTIC CITY W8 R	2.71			.05	T		.35	.00	.06					T		.12	.33	T	T		.04				.46		.38				.02	
AUDUBDN	2.16			T	.44		.28	.22	.20							.20	.31	T	T		T				T		.42					
BASS RIVER ST FOREST	4.12			.04	.03	.00		*	1.78						.03	.27	.33	.06	.02	.07	.02	.02			.17		.88		.50	.02		
BELLEPLAIN	1.81			.14				.48	.42							.18	.23								.36							
BELMAR	3.65				.34		.34	1.11	.60					.26	.32		.11	.17							.40							
BELVIDERE	4.05			.05				.76	1.37					.02		.43	.40	.01	T					.20			.23			T	.40	
BERLIN 1 W	2.70							.25	1.75	.30							.25	.15														
BOONTON	3.30			T	T	.02		.66	1.18	.04					T		.64	.10				.01	T	.04			.16	.00	T		.36	
BRANCHVILLE	5.05							.10	.80	T					T		.64	.05		.05			.06	.52			.22			.31	2.30	
BRIDGETON 1 NE	2.28				.12	T		.63	.45	.04	T						.40	.00	T			T				.16	.34				.05	
BURLINGTON	3.18							.00	1.00					.02		.27	.55				.04						.30		.01			
CANISTEAR RESERVOIR	6.20					.26		.43	1.00	.04							.64	.12		T			.06	.26	.11		.36			.36	2.65	
CANDE BROOK	3.22			T		.01		.80	1.03	.02					.01		.53	.10						.00	.01		.23	.05	T		.25	
CANTON	1.87				.12	.03		.52	.45						.01	.33						.01				.15	.25					
CAPE MAY 3 W	2.30		.06			.04	.07	.40	.60	.06						.11	.15	.03	.02		.06				.37		.20			.13		
CEDAR GROVE	2.27			.08		.05		.35	.65								.46	.07						.05				.27			.20	
CHARLOTTEBURG	3.77			T	T	.02		.48	1.10	.04							.65	.07			T	.01	.01	.18	.02		.24	.00		.03	.86	
CHATHAM	3.35					.03		.80	1.10	.02					T		.53	.11				.01		.08	.01		.20	.10			.27	
CHATSWORTH 5 S	2.98		T	.02		.03	T	.71	.65	.04				T	.04	.16	.96	T	.04	.12		.08		T	.13							
CLAYTON	2.03		T	.04	T	.01	.11	.61	.64					T		.38	.22	.21			T			T	.33		.38					
CLINTON	3.62				.05			.06	.88					.05		.38	.30		.05				.04	.11			.36				.44	
DEEPWATER	2.70			.14	.04		.56	.88	.04					.02		.16	.38	T	.03	T	T		T	T	.14		.38	T	T		.02	
ELIZABETH	3.43			.01				.07	1.51								.18	.01			.01		.01	.08			.41				.24	
ELIZABETHPORT	3.34		T		T		.28	1.46	.64					T		.19	.11							.05			.36			.10	.06	
ESSEX FELLS SERV BLDG	2.01				T			.65	1.21	T							.41	.05									.14	.08			.37	
FLEMINGTON 1 NE	4.05	T	.01	.02	.05	T		.84	1.36	T				.05		.35	.58	.02	.01	.02	.04		.01	.10	.01		.33	.02	.02	T	.21	
FREEHOLD	3.15							.95	1.20					.02		.10	.21				.12		T	.03			.43					
GREENWOOD LAKE	6.08			.16		.05		.33	1.55	.30							.70	.00		.01		.01	.05	.23	.04		.27	.12	T	.17	1.01	
HAMMONTON 2 NNE	3.08				.05	.14		*	1.17							.12	.32	.33								.20	.35	.40				
HIGHTSTOWN 1 N	2.58		T		.01		T	.72	1.16					.01		.17	.14		T		.01		.01	.03	T		.31				.01	
INDIAN MILLS 2 W	2.60			T	.05		T	.77	.57	T				T		.23	.35	T	T	T	.08			T	.00		.46				T	
IRVINGTON	2.08			.01	.02		.08	1.23	.60					.02		.20	.23						.06	.02			.32			.04	.06	
JERSEY CITY	3.33		T				.22	1.26	1.05					.06		.21	.10				.01		.10	.03			.20				T	
LAKEWOOD 2 ENE	3.03		T	T	.06			.06	1.64	.04				.01		.35	.18	T	.08		.15			T	T		.46					
LAMBERTVILLE	3.04				.03	T		.71	1.25					.01		.30	.27		T	T	T		T	.16			.26	.01	.02		.02	
LAYTON 3 NW	5.10				.04			.87	1.18					T		.18	.33	.08	.02		T		.16	.70			.18			.74	.71	
LEESBURG STATE FARM	2.62		.04		.14			.37	.50	.08							.28	.13	T	T	T					.44	.56	.04			.04	
LITTLE FALLS WATER CO	3.10			.01		.02		.58	1.20	.13					.06		.45	.04				.01		.03			.10	.06	T	T	.41	
LONG BRANCH	3.78		T		T		.20	1.01	1.50					.04		.15	.24		T		.27		.01	T	T		.36				T	
LONG VALLEY D	3.81				.08			1.00	0.00					.05		.38	.30		.17		.02		.04	.15			*				.63	
MACOPIN INTAKE	3.68		T	.01	T			.42	1.10	.03							.71	.05				.03		.12			.32	.05			.84	
MANVILLE	4.02				.04		.30	1.03	.58							.15	.30						T	T			.40			T	.23	
MARLTON 1 W	3.37			.02	.28			1.04	1.02					T		.20	.26	.05	.11		.02			T	.04		.33					
MAYS LANDING	2.50			.02	.03	.05		.46	.55							.10	.51	.10		.10	.10				.32		.25					
MIDLAND PARK	3.71		.06					.35	1.30					.02		.40	.40		.01		.08		.04	.07			.34		.01		.54	
MILLVILLE	2.35			.10	.04		.36	.61	.07					.02		.10	.20		.04		.02				.28		.32			.01		
MILLVILLE CAA AIRPORT	2.01		T	.12	T		.40	.72	.02					T		.27	.48	T	T	T	T				.43		.45				.02	
MILTON	4.51					.07		.60	.30	1.05							.75	.15					.11	.22			.36	.02		.17	.71	
MOORESTOWN	2.08		.03		T	.22		*	1.67	.02					.04		.44	.16	.01	.03	T	.05		T	T	.01	.20	.01			.44	
MORRIS PLAINS	4.21		T		.04			.77	1.38	T				.02		.20	.62	T	T	T	.14		.05	.07	T		.31	T		T	.52	
NEWARK WB AIRPORT R	3.04		T	T	.02		.24	.86	.77					.04		.24	.16		T		T		.00	.01			.33		.01	.15	.12	
NEW BRUNSWICK EXP STA	3.23		T	T	.02			.87	1.38					.14		.20	.15		T		T			.04			.33				.10	
NEW MILFORD	3.06		.04		.04			.80	.76					.04		.40	.24							.04			.26				.44	
NEWTON	5.00					.06		.20	.80	.02							.67	.07	T	T		.02	.03	.31	.10		.24	T	.01	.14	2.33	
OAK RIDGE RESERVOIR	5.03			.05				.50	1.60	.38							.60	.11			T	.02	.07	.20	.08		.25	.11		.08	.08	
ORANGE	3.92		.01					.78	1.75					.04		.04	.43							.06			.47				.34	
PATERSON	4.40	T	T		T	.03		.40	1.00	.03					.08		.70	.15		.02		.05		.07			.22	.12	T	T	.72	
PEMBERTON 3 E	3.17					.46		.97	.71						.01	.24	.22	.10	.03	.01	.03				.02		.37					
PHILLIPSBURG	3.90		T	T	.14			.76	.60	T						.12	.77		T		T		T	.48			.38			T	.65	
PHILLIPSBURG BRIDGE	3.15			T				*	1.70	.10							.50	.10				.05		.23			.04				.43	
PLAINFIELD	4.00		T	T	.02			1.17	1.56					T		.25	.31	T	T		T		.06	T			.41		T		.22	
PLEASANTVILLE 1 N	2.60			.04			.50	.56	.02					.03		.20	.17		.05		T				.43	.20	.00				.04	
PRINCETON WATER WORKS	2.63			T			.35	.70	.60					T		.26	.25		T		.01		.06	T			.31				T	
RAHWAY	3.06		T		.03		.10	1.33	.67					T		.18	.15					T	.03	.02			.36				.10	
RIDGEFIELD	3.46		T		.05		.08	1.17	.05					.04		.50	T		T		.01		.06	.04			.25				.31	
RINGWOOD	5.43			.13	.02	.02		.40	1.32	.12							.83	.17		.03	T	.03	.03	.22	.02		.38	.01	.01	.06	1.63	
RUNYON	3.38				T			.00	1.60					.10		.20	.16										.42					
SANDY HOOK	2.62							.61	.07					T		.00	.30	T			.11		T	T			.35				.10	
SOMERVILLE	3.13				.04			.84	1.17					.02		.24	.22				T			.00			.32				.10	
SPLIT ROCK POND	3.44					.01		.55	1.10	.05				.01			.61	.10				.01		.10	.01		.20	.08		.01	.60	
SUSSEX 3 N	4.78		T	.10	.07		.07	.35	.53					.07		.30	.33	T	T	.05			.08	.40			.70		T	.46	1.00	
SWEDESBORO 5 NW	3.31			.03	.06	.54		.05	.58	.07					T	.00	.30	.05	.01	.01	T			T	.02	.06	.43	.01			.01	
TOMS RIVER	3.95			.02				1.50	.85					.08		.11	.42		.08		.32				.10		.47					
TRENTON 2	3.55		T		.01		.22	1.45	.57					T		.30	.36		.06	T	.04		.07	.01	T		.37		.06		.03	
TRENTON WB CITY R	2.72		T	T	.01		.27	1.00	.51					T		.24	.31		.01	T	.01		.02	.01	T		.33		T		T	
VINELAND	2.54				.00			.53	.56	.05					.03		.40	.32	.01	.01		.02				.16	.27	.08			.01	
WANAQUE RAYMOND DAM	3.75			.03		.02		.34	.04	.08							.84	.10				.05	.02	.11	.03		.24	.08		.04	.83	
WESTFIELD	3.82		T	T	.02		.20	1.40	1.02							.25	.21							.08	.02		.30				.14	
WOODCLIFF LAKE	3.56		.18		.04			.74	.86					.02		.52	.30							.04			.32				.54	

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY W8	MAX	55	47	47	62	66	54	47	43	57	48	44	46	47	48	51	55	55	51	51	49	54	63	55	44	47	61	53	58	58	79		53.2
	MIN	31	38	41	41	46	45	41	35	33	36	41	38	40	39	46	46	43	41	37	40	34	46	43	34	35	43	45	48	51	51		40.9
AUDUBON	MAX	56	58	59	73	67	69	51	40	55	60	59	63	65	60	62	73	54	54	52	52	57	66	53	46	58	57	65	85	84	76		61.0
	MIN	30	34	42	42	45	42	34	32	34	35	36	33	36	36	41	46	41	36	38	35	32	45	42	36	29	40	38	47	64	50		39.0
BELLEPLAIN	MAX	54	55	50	76	73	65	50	43	56	60	58	53	60	57	59	70	59	56	51	52	55	64	62	52	52	65	63	82	81	81		60.5
	MIN	26	29	40	43	40	40	42	34	37	27	35	36	26	31	43	41	42	29	30	32	26	42	41	29	29	36	31	46	52	51		36.2
BELVIDERE	MAX	56	51	59	56	68	69	56	41	53	60	55	62	60	61	57	67	54	55	51	50	56	63	57	51	58	53	62	85	86	77		59.6
	MIN	28	29	39	42	45	36	39	31	32	29	31	32	33	29	40	47	37	32	31	32	45	44	36	31	27	37	36	47	58	42		36.6
BOONTON	MAX	45	50	49	54	52	64	66	46	39	50	56	53	51	58	57	60	69	52	53	48	48	54	61	50	50	54	48	63	82	82		55.5
	MIN	32	25	35	41	40	35	42	32	32	32	32	33	29	29	34	46	40	31	35	30	31	33	37	32	27	35	30	39	45	60		35.1
BRIDGETON 1 NE	MAX	47	50	57	57	79	67	69	47	44	55	59		58	62	57	65	71	55	53	52	51	57	64	54	49	56	63	70	84	82		59.8
	MIN	29	32	42	44	44	39	46	34	33	29	35		29	31	43	50	41	35	35	32	31	38	40	32	31	40	39	46	62	64		38.8
BURLINGTON	MAX	56	56	57	70	69	69	54	41	54	60	57	55	63	61	60	74	55	54	54	45	55	64	58	52	58	54	66	86	84	79		60.7
	MIN	29	31	41	42	50	47	43	36	36	38	42	39	38	40	46	48	45	40	40	40	29	43	42	40	32	39	39	47	49	51		40.7
CANOE BROOK	MAX	46	52	48	51	53	65	60	42	42	51	58	51	57	60	58	62	71	53	55	49	47	56	61	51	50	55	48	64	85	83		56.1
	MIN	25	23	30	41	38	30	41	32	32	26	28	27	26	25	34	47	37	28	31	28	26	38	38	25	22	35	31	42	53	62		33.4
CAPE MAY 3 W	MAX	62	49	54	67	66	60	51	45	52	54	47	54	53	51	56	61	56	54	50	52	54	63	57	54	50	64	64	73	68	70		57.0
	MIN	37	39	44	42	45	45	44	36	35	39	40	37	38	38	44	47	45	37	41	42	38	38	44	33	37	43	43	47	53	54		41.5
CHARLOTTEBURG	MAX	43	45	48	52	52	63	65	45	43	47	53	52	57	58	57	58	67	50	50	45	46	54	58	48	48	55	45	60	83	80		54.2
	MIN	26	20	29	36	39	30	39	30	28	31	25	30	28	26	34	43	37	30	34	26	28	32	33	31	24	32	29	35	51	60		32.5
CHATSWORTH 5 S	MAX	56	56	58	77	73	69	58	41	55	61	52	55	62	57	55	72	60	56	53	50	60	62	55	50	53		73	84				59.7
	MIN	25	26	41	43	42	39	39	32	30	29	34	36	30	35	42	53	40	31	34	38	27	32	42	38	30		42	48				36.2
CLAYTON	MAX	55	56	57	76	73	70	60	41	51	60	55	57	64	59	59	71	55	53	53	52	57	64	57	48	57	59	64	85	83	78		61.0
	MIN	29	35	42	48	42	41	40	32	37	31	37	35	31	33	42	46	41	33	34	34	31	40	40	32	30	40	38	46	61	52		38.4
ELIZABETH	MAX	57	51	52	53	71	65	55	40	55	61	55	60	59	60	55	75	56	57	53	52	59	66	60	51	58	49	62	85	84	77		59.8
	MIN	28	28	40	35	41	38	35	32	32	30	31	35	29	29	37	47	38	31	34	31	28	38	39	31	26	37	34	46	57	60		35.9
ESSEX FELLS SERV BLDG	MAX	45	55	53	54	50	65	60	45	45	52	55	54	56	59	60	59	72	64	54	45	44	53	58	60	52	52	46	66	85	82		56.7
	MIN	29	25	34	35	30	35	34	28	29	28	33	32	30	33	37	45	38	34	39	30	32	34	31	28	25	34	35	44	48	62		34.4
FLEMINGTON 1 NE	MAX	55	52	58	60	67	67	54	41	52	59	56	60	62	60	55	70	54	54	51	51	54	63	58	52	55	54	64	84	83	80		59.5
	MIN	28	24	38	37	39	34	38	31	32	30	30	34	25	24	34	46	35	28	35	27	25	40	38	28	21	35	33	46	53	58		34.2
FREEHOLD	MAX	54	51	53	66	66	61	53	39	52	58	52	54	61	58	56	72	55	55	51	49	55	63	58	48	54	50	62	84	85	78		58.4
	MIN	27	33	40	40	44	41	37	32	30	31	35	35	30	30	38	49	38	31	33	33	28	40	41	33	29	36	34	44	61	52		36.8
HAMMONTON 2 NNE	MAX	51	57	51	57	72	75	72	46	40	55	61	50	56	67	61	62	76	55	56	63	58	62	67	57	45	56	60	66	86	83		60.8
	MIN	28	33	42	43	44	40	38	34	33	33	35	34	31	31	42	52	46	36	35	35	28	34	42	33	31	39	36	45	52	65		38.3
HIGHTSTOWN 1 N	MAX	54	53	54	68	65	63	53	39	52	57	52	57	62	58	58	72	54	53	50	50	56	63	52	48	56	50	63	83	83	75		58.4
	MIN	27	29	41	41	43	38	38	32	32	32	35	34	30	30	39	52	41	34	33	32	28	42	40	32	30	38	34	45	62	57		37.4
INDIAN MILLS 2 W	MAX	54	55	57	77	67	70	51	41	53	59	51	56	64	60	58	73	54	54	51	50	55	65	52	46	56	55	63	86	83	77		59.8
	MIN	23	27	40	42	38	35	39	32	32	26	32	33	26	30	39	45	37	31	32	32	25	40	41	27	24	36	32	45	61	58		35.3
JERSEY CITY	MAX	53	44	47	49	65	62	46	38	52	55	51	54	50	49	50	69	52	51	48	45	54	62	50	47	47	46	55	82	72	72		53.9
	MIN	33	34	39	43	43	48	37	33	34	37	40	34	37	38	42	50	42	41	38	36	32	45	38	38	36	38	32	45	62	46		39.7
LAKEWOOD 2 ENE	MAX	56	48	50	64	66	62	49	37	54	55	47	50	59	57	55	71	55	55	51	49	56	67	53	46	50	53	58	88	85	78		57.5
	MIN	26	24	40	40	45	35	34	32	32	30	29	28	23	25	41	42	32	28	30	28	27	44	38	30	26	36	33	48	57	47		34.3
LAMBERTVILLE	MAX	56	55	56	67	66	65	55	41	52	58	56	59	62	59	56	69	54	53	51	50	57	63	52	50	56	53	65	84	82	80		59.4
	MIN	27	27	40	43	43	36	40	33	33	30	33	31	30	29	40	47	40	32	35	32	27	43	40	31	26	39	36	47	54	61		36.8
LAYTON 3 NW	MAX	50	48	56	68	66	67	62	40	48	56	56	62	61	60	56	65	52	51	46	48	51	58	50	50	55	50	63	83	81	74		57.8
	MIN	20	17	31	37	38	25	36	31	35	20	20	20	25	19	33	46	34	24	29	22	18	33	31	25	17	32	31	46	55	48		29.9
LEESBURG STATE FARM	MAX	49	52	55	56	74	68	65	47	43	57	58	49	54	56	56	58	67	55	55	52	51	57	63	54	45	52	66	66	79	75		57.8
	MIN	29	30	41	44	42	40	46	34	33	27	35	35	29	32	43	49	43	31	37	32	29	39	40	29	31	42	39	42	58	60		38.0
LITTLE FALLS WATER CO	MAX	46	54	49	55	54	68	67	46	43	54	60	55	60	60	60	64	73	65	55	50	49	57	64	53	52	58	50	64	86	82		58.4
	MIN	31	27	38	42	40	35	42	31	32	30	32	34	33	30	36	48	40	34	37	32	31	40	37	33	30	37	34	47	55	57		36.8
LONG BRANCH	MAX	53	45	46	62	66	56	46	38	53	52	45	50	52	52	52	70	55	52	49	48	55	62	51	45	48	49	57	86	83	75		55.1
	MIN	29	29	39	39	48	43	37	31	32	32	36	37	30	30	41	45	39	33	35	32	29	45	39	34	31	39	33	47	56	47		37.2
LONG VALLEY	MAX	54	50	55	54	66	65	55	39	49	58	52	58	60	58	55	71	57	50	48	42	54	61	50	48	54	51	62	84	82	76		57.3
	MIN	28	24	36	40	39	29	35	31	30	28	29	30	27	25	35	48	35	29	30	27	23	38	35	27	23	33	32	47	57	54		33.5
MILLVILLE CAA AIRPORT	MAX	54	57	58	78	67	68	50	42	56	60	50	59	61	57	61	72	56	54	52	52	58	64	54	44	56	63	64	85	83	79		60.5
	MIN	28	34	43	45	41	39	35	34	32	26	35	33	28	32	45	42	40	32	35	35	30	42	34	31	30	42	39	51	59	49		37.4
MOORESTOWN	MAX	54	56	58	72	66	68	49	39	53	59	49	59	63	59	60	72	55	54	51	51	56	63	53	45	56	55	64	83	82	75		59.3
	MIN	30	33	41	43	45	40	32	33	33	33	35	35	32	33	39	44	39	37	38	35	30	43	41	36	28	40	35	43	64	56		38.2
MORRIS PLAINS	MAX	53	52	55	52	67	67	60	43	50	59	58	59	61	58	56	70	55	51	50	47	55	62	60	50	54	54	62	83	83	80		58.9
	MIN	30	23	37	40	43	33	38	30	28	34	35	34	23	27	32	46	38	29	33	29	26	42	36	28	25	34	31	44	55	60		34.8
NEWARK W8 AIRPORT	MAX	55	46	49	54	68	63	47	38	53	59	50	57	54	58	50	72	55	56	50	48	57	65	53	50	54	48	58	85	80	74		56.9
	MIN	32	33	39	42	44	43	35	32	34	35	38	36	34	35	41	47	40	35	37	36	32	42	39	37	35	38	36	46	62	46		38.7
NEW BRUNSWICK EXP STA	MAX	54	53	52	56	66	66	57	41	50	59	58	56	60	57	57	72	55	51	52	49	57	66	57	52	55	50	62	84	83	80		58.9
	MIN	28	28	39	39	41	40	39	32	31	33	35	34	30	32	38	48	40	34	36	32	28	42	39	33	29	37	34	45	62	61		37.3
NEWTON	MAX	42	50	49	55	54	65	66	44	39	48	55	54	59	57	59	60	66	50	52	41	48	55	59	48	48	56	45	63	82	81		55.0
	MIN	27	22	34	40	45	30	42	32	32	26	27	29	29	25	39	45	38	29	30	27	26	36	33	30	26	35	29	43	51	60		33.9
PATERSON	MAX	48	53	50	51	51	66	68	41	40	53	59	56	60	59	62	58	73	54	53	56	48	58	63	52	52	58	49	65	85	80		57.4
	MIN	31	30	37	41	43	41	39	31	32	35	36	36	35	35	42	52	41	36	37	35	32	42	38	36	34	37	37	47	61	63		39.1
PEMBERTON 3 E	MAX	55	55	59	74	73	67	55	40	56	59	59	57	64	60	57	78	55	55	52	52	56	65	57	52	56	53	65	85	83	80		61.1
	MIN	24	28	42	42	43	36	38	25	30	28	32	34	27	29	38	48	34	31	34	31	23	42	42	28	24	38	33	42	62	63		35.7
PHILLIPSBURG	MAX	55	56	59	61	66	67	62	41	52	60	58	61	61	60	60	67	56	53	51	52	56	64	62	51	60	57	61	85	85	84		60.8
	MIN	29	30	40	44	46	35	41	14	28	30	30	33	32	31	43	53	40	32	35	30	28	25	37	32	27	38	36	47	55	59		36.0
PLAINFIELD	MAX	55	48	52	55	67	63	46	43	55	60	52	59	62	60	57	74	54	55	53	49	58	64	53	50	57	50	63	85	84	76		58.6
	MIN	29	28	39	42	43	37	38	32	33	31	35	34	30	28	36	48	37	31	34	31	26	39	41	30	27	36	32	46	58	52		36.1
PLEASANTVILLE 1 N	MAX	48	57	52	54	65	68	62	46	41	55	53	48	50	52	52	55	61	57	53	52	53	57	64	55	45	55	63	58	74	74		56.0
	MIN	25	29	41	41	39	37	44	34	31	28	35	36	27	29	42	48	39	29	32	30	22	38	43	30	30	35	33	46	54	53		36.0
RIDGEFIELD	MAX	56	50	54	53	68	69	47	37	53	61	58	62	58	61	53	72	55	55	50	46	59	65	51	54	57	46	64	85	79	74		58.4
	MIN	28	29	39	43	41	39	37	32	32	30	37	33	33	30	40	47	40	36	37	33	30	42	38	33	29	38	35	47	61	55		37.5

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RUNYON	MAX	52	50	54	56	76	74	60	50	55	62	52	59	66	55	56	75	56	54	52	52	58	65	54	52	59	54	56	87	87	80		60.6
	MIN	22	22	39	42	38	44	39	32	30	27	28	28	25	25	32	46	40	38	34	28	28	38	38	27	30	36	34	41	54	61		34.9
SANDY HOOK	MAX	53	45	47	46	63	58	47	40	51	55	46	50	51	53	49	65	52	52	54	49	54	60	58	48	46	46	56	85	75	72		54.2
	MIN	33	34	34	37	36	42	33	32	35	35	35	35	37	35	42	44	43	48	42	39	34	44	40	39	38	37	37	46	56	56		39.3
SOMERVILLE	MAX	56	52	55	58	68	63	54	41	53	61	54	60	61	60	55	72	54	55	52	51	58	64	56	49	56	51	64	84	84	79		59.3
	MIN	25	26	38	42	42	34	39	32	31	30	35	34	29	26	38	49	42	30	33	29	24	38	39	28	24	37	34	47	55	52		35.4
SUSSEX 3 N	MAX	47	42	50	56	65	56	55	36	49	55	54	59	56	57	55	66	50	51	52	48	55	58	52	49	56	48	64	82	77	77		55.9
	MIN	29	22	33	39	44	39	35	30	30	27	30	30	39	28	39	47	37	29	31	29	35	39	33	30	33	34	30	45	55	45		34.9
TRENTON 2	MAX	56	55	55	70	67	66	49	40	53	59	52	61	62	60	58	72	55	54	52	52	58	64	53	47	57	54	65	84	84	75		59.6
	MIN	29	33	41	43	45	42	32	32	32	33	34	34	34	34	41	44	40	37	35	35	29	44	40	33	30	38	37	47	63	48		38.0
TRENTON W8 CITY	MAX	54	54	56	70	66	63	48	37	52	58	49	58	60	58	58	71	54	52	50	50	56	62	51	47	56	53	64	83	82	74		58.2
	MIN	33	37	42	43	49	46	33	33	34	36	36	36	36	37	42	46	42	39	38	37	33	46	41	38	35	39	39	47	65	46		40.1

SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	SNOWFALL								T																.4							
	SN ON GND																															
	WTR EQUIV																															
BELVIDERE	SNOWFALL																	T														
	SN ON GND																															
CHARLOTTEBURG	SNOWFALL								9.0	2.5														T			T					
	SN ON GND	5	5	4	3	1			9	5	4	2	1																			
CLAYTON	SNOWFALL								T																T							
	SN ON GND								T																							
FLEMINGTON 1 NE	SNOWFALL	T							7.0	T																						
	SN ON GND	T	T	T					2	T	T																					
FREEHOLD	SNOWFALL								4.0																							
	SN ON GND								2																							
HIGHTSTOWN 1 N	SNOWFALL								3.5																							
	SN ON GND								2																							
INDIAN MILLS 2 W	SNOWFALL								T	T															T							
	SN ON GND																															
LAKEWOOD 2 ENE	SNOWFALL								1.8																							
	SN ON GND								2	T																						
LONG VALLEY	SNOWFALL								9.0																							
	SN ON GND								-																							
MILLVILLE CAA AIRPORT	SNOWFALL							T	T																.9							
	SN ON GND																															
MOORESTOWN	SNOWFALL							T	.5															T								
	SN ON GND								T																							
MORRIS PLAINS	SNOWFALL								9.0	T											T			T			T					
	SN ON GND								-	-																						
NEWARK WB AIRPORT	SNOWFALL							T	3.4															T								
	SN ON GND								3	T																						
	WTR EQUIV								.6																							
NEW BRUNSWICK EXP STA	SNOWFALL								1.8																							
	SN ON GND								T																							
NEWTON	SNOWFALL								6.0															-								
	SN ON GND								6	4																						
PATERSON	SNOWFALL	T	T						3.5	T																						
	SN ON GND								3																							
PEMBERTON 3 E	SNOWFALL								1.5																							
	SN ON GND								T																							
PLAINFIELD	SNOWFALL		T					T	4.0																							
	SN ON GND								2	T																						
RIDGEFIELD	SNOWFALL							T	5.0																							
	SN ON GND								5	T																						
SOMERVILLE	SNOWFALL								5.0																							
	SN ON GND								T																							
SUSSEX 3 N	SNOWFALL								12.0																							
	SN ON GND								12	4																						
TRENTON WB CITY	SNOWFALL							1.2	3.0																							
	SN ON GND								2	T																						

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MID	BERGEN COUNTY ENGS	C
# ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P	N.Y. FORESTRY SVC	3
BELLEPLAIN	0690	CAPE MAY	1	39 18	74 52	49	5P	5P	MRS. ED C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P	MISS C. S. HIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A	SAMUEL M. MC CULLEY	3
BOONTON	0907	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WRT WKS	2 3 5
BRANCHVILLE	0978	SUSSEX	2	74 47	41 09	570		7A	ALBERT M. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANDE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	39 28	75 25	10		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P	WILLIAM S. HAINES	2 3 5 7
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2682	UNION	8	40 39	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		5P	F. A. ROOENBAUGH	INAC 10/55
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS	3416	WARREN	2	40 53	74 56	540		MID	EDWARD KOWALICK	C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A	WATER SUPPLY COMM	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	MID	MID	GEORGE G. WADDILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. M. DEPUE	2 3 5
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	8A	8A	LEESBURG STATE FARM	2 3 5
LITTLE FALLS WATER CO	4887	PASSAIC	8	40 53	74 14	157	9A	9A	PASSAIC VLY WTR CO	2 3 5 C
LONG BRANCH	4987	MONMOUTH	1	40 18	74 00	34	MID	MID	STORM WARN. DSPL STA	2 3 5 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	1020		9A	NEWARK WATER DEPT	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RADCLIFFE	3
MILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A	M. J. WILLARD	2 3 5 7
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	300	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTHUR H. AHLQUIST	2 3 5 7
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	765	8A	8A	NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6400	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. OOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID	PRINCETON WATER CO	3
RAHWAY	7393	UNION	9	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	M.J. WATER COMM	2 3 5 6
SANDY HOOK	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. HAVER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	—		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	6P	6P	BRICE B. STANTON	2 3 5 7
SWEDESBORO 5 NW	8685	GLOCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		9P	ROBERT F. SNYDER	3
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID	E. M. RISTOW	2 3 5
# TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8899	OCEAN	1	39 35	74 22	45	8A	8A	VERNON W. MOTT	INACTIVE 1/56
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 02	74 18	320		8A	WATER SUPPLY COMM	3 C
WATCHUNG	9271	UNION	8	40 40	74 25	—		MID	BONNIE BURN SAN.	C
WESTFIELD	9455	UNION	9	40 39	74 21	135		5P	TOWN ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	9910	SALEM	2	39 40	75 20	16	6P	8A	WOODROW W. HALTER	INACTIVE 2/56
NEW STATIONS										
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MID	M. J. ERVEY	C

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Long-term means for full-time Weather Bureau stations (those shown in the Station Index as United States Weather Bureau Stations) are based on the period 1921-1950, adjusted to represent observations taken at the present location.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+ And also on a later date or dates.
* Amount included in following measurement, time distribution unknown.
\# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
AM Data based on observational day ending before noon.
B Adjusted to a full month.
C Data for recorder stations denoted by "C" are processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the Annual issue of Hourly Precipitation Data.
O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
T Trace, an amount too small to measure.
V Includes total for previous month.

Additional information regarding the climate of New Jersey may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC., Asheville, N. C. --- 5/28/58 --- 775

551.05
UNNJ
Cop. 1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

THE LIBRARY OF THE
JUL 24 1956
UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

NEW JERSEY

MAY 1956

Volume LXI No. 5

ASHEVILLE: 1956

WEATHER SUMMARY

GENERAL

The month was featured by frequent outbreaks of unseasonably cold air, and became the third consecutive month with temperatures that were cooler than usual, thus rounding out a cool Spring season.

The unusually cold weather placed this month along with May 1954 as the tenth coldest May since 1885. For the third consecutive month, all stations in the State that have long-term means showed negative departures. Departures this month ranged from -0.4° at Runyon to -5.4° at Charlotteburg. Extreme temperatures varied from 93° on the 31st at Belvidere and Indian Mills 2 W to 22° on the 9th at Layton 3 NW. This low reading of 22°, along with three other years, ranked as the fourth lowest minimum since 1885.

For the second consecutive month precipitation has been deficient. Only about one-fourth of the years since 1885 have been drier. Of the stations which have long-term means, only one (Long Branch with +0.04 inch) showed a positive departure. Monthly totals ranged from 1.26 inches at Deepwater to 4.12 inches at Milton. The greatest daily amount was 1.80 inches at Audubon on the 7th. It was of passing interest that about two-thirds of the stations had greatest daily amounts that were less than one inch, while a few stations were less than 0.50 inch. Only two stations reported frozen type precipitation during the month with only a trace in each instance.

The percentage of possible sunshine was slightly more than usual, while daytime cloudiness was generally deficient except in the Atlantic City area where the average coincided with the expected value.

WEATHER DETAILS

The first half of May was marked by frequent changes in pressure patterns causing temperatures to fluctuate considerably with alternating cool and warm periods. The coldest weather in this period occurred when a strong Canadian High advanced southeastward over the State dropping temperatures to near 10° below normal on the 7th, 8th, and 9th. The warmest weather of this period occurred from the 12th to 14th as a series of disturbances sustained the flow of warm air over the State. Newark WB Airport reported a departure of 20° above normal on the 13th with a maximum reading of 92°. The passage of a cold front brought falling temperatures on the 15th and the pressure distribution from the 16th to 30th kept temperatures predominantly on the cold side for that period, except for brief interruptions on the 19th and 22nd in most areas when readings were near or slightly above normal. Temperatures rose rapidly on the 31st as circulation around a disturbance centered over the Great Lakes caused a flow of warm southerly winds over New Jersey.

Numerous weather disturbances that affected the State during the month caused frequent occurrences of showers and thunderstorms. Some precipitation was reported to have occurred on about two-thirds of the days at some stations. Most stations reported their heaviest precipitation of the month on the 6th or 7th. (See table 3 of this bulletin for the daily distribution of amounts.)

WEATHER EFFECTS

As the month began farm operations appeared to be 7 to 10 days behind schedule due to several weeks of persistently cool weather. The warm and relatively dry weather of the second week marked the first real break in the unfavorable conditions, and afforded farmers an opportunity to make excellent progress with their crops. The third week of the month was cool and relatively dry. Moderate to heavy damage from frost was reported on the 17th to cranberries in bogs that weren't flooded and considerable damage was noted elsewhere to sweet potatoes, tomatoes, strawberries, blueberries, etc. By the end of the fourth week crop growth was fairly good, though still behind schedule, with a general rainfall needed soon. The exceptionally cold weather for so late in the season which occurred on the mornings of the 24th and 25th caused extensive frost damage again to cranberries where the bogs weren't flooded, and to strawberries, snap beans, cucumbers and tomatoes in the uplands.

DESTRUCTIVE STORMS

Thunderstorms associated with an active cold front occurred over the entire State during the afternoon of the 6th and morning of the 7th. The most significant damage to life and property occurred at a seaside resort at Deal, where 5 persons were killed by ensuing fire in a house struck by lightning. Estimated damage to property was between $20,000 and $25,000. Several houses and a number of TV antennas were struck by lightning in the Trenton Metropolitan area causing the death of one person and some property damage. There appeared to be little or no wind damage; maximum gusts were estimated to have been 30 - 40 mph. Damage to crops was probably limited to several trees having been struck by lightning. This storm was unusual for its duration rather than its high winds or severity. Damage to crops was negligible, while the estimated damage to property for the entire State was $25,000 to $50,000.

A suspected tornado occurred on the 7th at 1:15 a.m. at Woodbine in Cape May County. Its path was 25 to 50 yards in width and 2 blocks in length. There was little or no damage to crops, but approximately $10,000 to property. Some of the property damage was as follows: 1. Two-thirds of the roof of the local synagogue was blown off, and debris (including many 2" x 12" wood beans) was carried at least 50 yards from the building. 2. A door on the west side of a workshop and storage room was blown in when a 2" x 4" bar snapped, resulting in the blowing out of the entire south wall of the cinder block building. 3. A small frame garage was blown off its original location and moved several yards eastward, but resulted in little or no damage to the automobile that had been within. Other evidence indicated that the storm lasted no more than three minutes before subsiding and giving way to rain and lightning. The wind was reported to have roared like an express train with much pounding for a very short period. It was also noted that there was little or no wind damage anywhere outside the narrow 2 block long path.

FLOODS

There were no floods reported during the month.

Franklin W. Long

CLIMATOLOGICAL DATA

TABLE 2

NEW JERSEY
MAY 1956

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No of Days: 1.0 or More	.50 or More	1.00 or More
ATLANTIC CITY WB	R	62.0	49.9	56.0	- 3.1	88	13	41	17	284	0	0	0	0	2.36	- .62	.55	27	.0	0		6	1	0
AUDUBON		73.0	48.6	60.8		92	31	35	9	173	2	0	0	0	3.62		1.80	7	.0	0		8	1	1
BELLEPLAIN		72.8	47.0	59.9		91	14	30	25	196	2	0	3	0	3.07	- 1.01	.95	27	.0	0		8	2	0
BELVIDERE		73.8	46.5	60.2	- 2.1	93	31	31	9+	199	2	0	3	0	3.07	- 1.16	.95	7	.0	0		8	2	0
BOONTON	AM	67.8	43.5	55.7	- 3.6	87	14	29	9	296	0	0	3	0	2.48	- 1.87	.95	7	.0	0		6	1	0
BRIDGETON 1 NE		70.4M	46.7M	58.6M		90	15	33	25	219	1	0	0	0	2.22		.85	27	.0	0		5	2	0
BURLINGTON		73.6	48.0	60.8	- 3.5	92	31	36	9	166	1	0	0	0	2.08	- 2.00	.70	7	.0	0		6	1	0
CANOE BROOK	AM	69.8	43.8	56.8	- 2.1	89	14	27	25	272	0	0	2	0	2.26	- 2.27	.93	7	.0	0		5	2	0
CAPE MAY 3 W		67.4	49.7	58.6		84	31	38	25	215	0	0	0	0	2.61		.95	23	.0	0		7	2	0
CHARLOTTEBURG	AM	67.1	39.9	53.5	- 5.4	88	14	24	9	365	0	0	9	0	3.02	- 1.39	.75	24	.0	0		9	3	0
CHATSWORTH 5 S																								
CLAYTON		73.7	48.7	61.2		91	14	34	25	168	2	0	0	0	2.67		.85	13	.0	0		5	3	0
ELIZABETH		72.6	46.5	59.6	- 2.7	92	13	32	9	206	2	0	1	0	2.19	- 2.15	.71	7	.0	0		5	1	0
ESSEX FELLS SERV BLDG	AM	71.7	41.7	56.7		90	14	29	25	271	1	0	1	0	2.58		1.00	7	.0	0		8	2	1
FLEMINGTON 1 NE		71.9	43.9	57.9	- 4.2	91	31	27	9	247	1	0	4	0	2.38	- 1.96	1.12	7	.0	0		5	1	1
FREEHOLD		71.9	47.1	59.5	- 2.2	90	31	33	9+	198	1	0	0	0	2.77	- 1.36	1.72	7	.0	0		4	1	1
HAMMONTON 2 NNE	AM	71.6M	44.7M	58.2M	- 4.6	89	14	32	2	223	0	0	1	0	1.99	- 2.16	.82	7	.0	0		4	1	0
HIGHTSTOWN 1 N		71.1	46.6	58.9	- 2.5	91	31	31	25	220	1	0	1	0	2.72	- 1.12	1.64	7	.0	0		4	1	1
INDIAN MILLS 2 W		73.2	45.7	59.5	- 2.6	93	31	28	25	209	2	0	4	0	1.63	- 2.47	.40	7	.0	0		7	0	0
JERSEY CITY		65.4	48.8	57.1	- 4.3	88	13	36	8	268	0	0	0	0	2.37	- 1.58	.43	2	.0	0		7	0	0
LAKEWOOD 2 ENE		69.8	43.9	56.9	- 4.5	93	31	28	9	273	1	0	5	0	232	- 1.84	.64	7	.0	0		5	1	0
LAMBERTVILLE		72.5	46.5	59.5	- 2.1	90	31	31	25	201	1	0	1	0	2.74	- 1.63	1.33	7	.0	0		7	1	1
LAYTON 3 NW		70.6	39.9	55.3	- 3.1	90	30	22	9	325	1	0	10	0	2.97	- 1.14	.73	7	.0	0		9	1	0
LEESBURG STATE FARM	AM	68.5	47.3	57.9		90	14	31	25	233	1	0	1	0	2.99		.66	28	T	T	2	8	1	0
LITTLE FALLS WATER CO	AM	70.3	45.5	57.9	- 3.4	90	14	31	25	237	1	0	2	0	2.15	- 2.43	.81	7	.0	0		5	2	0
LONG BRANCH		67.2	47.3	57.3	- 2.5	91	31	35	9	262	1	0	0	0	3.68	.04	1.38	6	.0	0		8	1	1
LONG VALLEY		70.3	42.3	56.3		89	13	26	9	292	0	0	5	0	3.00	- 1.30	.55	6	.0	0		7	1	0
MILLVILLE CAA AIRPORT		71.3	47.3	59.3		92	14	33	17	214	2	0	0	0	2.33		.94	27	.0	0		6	1	0
MOORESTOWN		71.8	46.7	59.3	- 2.4	91	31	32	25	208	2	0	1	0	2.44	- 1.89	1.09	7	.0	0			1	1
MORRIS PLAINS		70.9	44.5	57.7		89	13	28	9+	259	0	0	3	0	2.26		1.00	7	.0	0		5	2	1
NEWARK WB AIRPORT	R	69.1	48.7	58.9	- 2.2	92	13+	38	8+	218	2	0	0	0	2.45	- 1.28	.52	2	T	0		8	1	0
NEW BRUNSWICK EXP STA		71.6	46.8	59.2	- 2.5	89	31	32	25	211	0	0	1	0	2.84	- 1.15	1.38	7	.0	0		7	1	1
NEWTON	AM	67.9	42.8	55.4	- 4.0	86	14	27	9+	308	0	0	3	0	3.11	- 1.13	.71	7	.0	0		11	1	0
PATERSON	AM	71.4	47.5	59.5	- 2.6	91	14	35	9	197	1	0	0	0	2.58	- 1.90	.85	7	.0	0		6	2	0
PEMBERTON 3 E		73.0	44.9	59.0	- 4.0	91	31	30	9+	218	1	0	4	0	2.62	- 1.36	1.16	7	.0	0		7	1	1
PHILLIPSBURG		72.8	46.7	59.8	- 1.6	90	31	32	9	190	1	0	1	0	4.11	- .19	1.37	7	.0	0		8	3	1
PLAINFIELD		70.9	46.7	58.8	- 2.5	90	13+	32	9	211	2	0	1	0	2.48	- 1.90	.86	27	.0	0		6	2	0
PLEASANTVILLE 1 N	AM	67.3	45.6	56.5	- 3.9	89	14	31	9	274	0	0	4	0	3.42	- .12	.87	20	.0	0		7	3	0
RIDGEFIELD		71.7	46.6	59.2	- 1.9	91	31	33	24+	218	1	0	0	0	2.89	- 1.38	.75	6	.0	0		8	1	0
RUNYON		74.4	45.4	59.9	- .4	92	31	27	9+	203	2	0	4	0	3.08	- .66	1.43	7	.0	0		9	1	1
SANDY HOOK		64.8M	46.9M	55.9M	- 4.3			39	9	276	1	0	0	0			1.57	7	.0	0				
SOMERVILLE		72.1	45.8	59.0	- 2.2	91	31	30	9	215	1	0	3	0	2.17	- 1.95	1.08	7	.0	0		4	1	1
SUSSEX 3 N		69.2	43.3	56.3	- 4.1	90	31	28	25	291	1	0	4	0	3.24	- .72	.80	7	.0	0		10	2	0
TRENTON 2		71.9	47.2	59.6		92	31	34	25	197	1	0	0	0	3.61	- .73	1.17	6	.0	0		8	1	1
TRENTON WB CITY	R	69.9	48.3	59.1	- 2.7	90	31	39	9+	209	1	0	0	0	2.93	- .55	1.22	6	.0	0		5	1	1
AVERAGE				58.3											2.72				T					

† DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Percent of time from prevailing	Wind speed m. p. h.: Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Relative humidity averages - percent: 1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Number of days with precipitation: Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB	-	-	17.4	42	SW	27	-	-	-	-	4	7	5	1	0	0	17	64	5.6
LONG BRANCH	S	20	14.3	40	S	22	-	78	63	61	5	5	8	1	1	0	18	68	5.8
NEWARK WB AIRPORT	SSW	20	11.0	27*	NW	4+	68	66	46	57	7	6	7	1	0	0	21	-	8.0
TRENTON WB CITY	-	-	10.4	34	NW	4	-	-	-	-	4	10	4	0	1	0	19	67	5.4

* This datum is obtained by visual observation since recording equipment is not available. It is not necessarily the fastest mile occurring during the period.

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
MAY 1956

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
ATLANTIC CITY WB R	2.34	.41	.06	.26				.40			T	T	T	.28	T	.01	.93	.02	.01		.07		.01	.24				.55				
AUDUBDN	3.62	.42		.18			.20	1.80						.20				T		.11			T	T				.20			T	.40
BASS RIVER ST FOREST	2.30	.47	.02				.69	.01		.01				.12			.14	.03			.22			.06	.02			.51				
BELLEPLAIN	2.07	.30	.24	.22				.26						.10										.66				.96	.22			
BELMAR	2.17	.42	.06	.07		.16		.73			.04									.20								.43				.06
BELVIDERE	2.07	T .30	.11	.28				.05			.07		.04	.02	.08									.20				.40	.11			.24
BERLIN 1 W	-		.30		.60				.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOONTON	2.48		.7		.06			.06	.03		.06	T	.02			.07	.02		.11	.04	.15				.17			.02	.30			
BRANCHVILLE	2.79		.62					.90			.14					.33	.93		.16		.15				.07			T	.38			T
BRIDGETON 1 NE	2.22		.26	T	.02			.60	T			.02					.06				.15				.10			.85	.07	T		
BURLINGTON	2.98	.20	.17	.06	.02			.70						.09	.05						.10		.99	.24				.32			.94	
CANISTEAR RESERVOIR	3.00		.52		.16			.80			.10	T	.00			.10	.93	T	.16		.22				.10			.14	.30			
CANOE BROOK	2.26		.31		.06			.02	.02		.02		.01			.08	.02		.11	.01	.22				.01			.94	.22			T
CANTON	2.17		.45		.17			.55			T										.20			.33				.18	.28			.01
CAPE MAY 3 W	2.61	.28	.17					.15				.01					T		.04		.25			.95				.65	.11			T
CEDAR GROVE	3.20							1.20	.01					.22					.10		.25							.36	1.06			
CHARLOTTEBURG	2.02		.62		.18			.62			.11		.04			.08	.01		.13	.05	.22				.75			.20	.10			T
CHATHAM	2.36		.40		.11			.09	.03		.03	T	T			.05	.02		.06		.32				.01			.02	.23			
CHATSWORTH 5 S		RECORD MISSING																														
CLAYTON	2.87	.25	.14	.08				.66					T	.85			.05						T	T				.60	.06			
CLINTON	2.74	.20	.42	.12				1.00			.04			.10	.22				.06		.09			.52				.48			.99	.29
DEEPWATER	1.26	.36	.01	.13		.19						.04		.12						.94	.02		.02	.05				.25				.02
ELIZABETH	2.10	.07	.36	.07				.71			.02		.02			.02	.07		.12		.95			.05				.44	.01		.16	
ELIZABETHPORT	2.00	.36	.01	.06		.34		.41		T	.01		T		.06		.06	T	.08	T	.01			.02				.45	.01		.07	.03
ESSEX FELLS SERV BLDG	2.58		.51		.20			1.00	.04		.10					.15			.12		.15				T				.30			.01
FLEMINGTON 1 NE	2.38	.12	.42	.15	.01			1.12	T		.01		.01	.06	T	.01	.01		.06		.95			.05				.24	.02		.03	T
FREEHOLD	2.77	.10	.25	.05				1.72			.02			.02			.06			T				.01				.46			.08	
GREENWOOD LAKE	3.22		.52		.20			.70			.12	T	.06	T		.34	T		.14	.02	.25				.00			.94	.54			
HAMMONTON 2 NNE	1.99		.42					.62						.03			.06				.07							.49	.10			
HIGHTSTOWN 1 N	2.72	.12	.26	.04				1.64			.03		.01	.06		T	.05		T		.06			T				.42			.02	
INDIAN MILLS 2 W	1.62	.19	.14	.19				.40			T			.11	T		.06		T		.09		.08	.11				.24			.02	
IRVINGTON	2.29	.35				.62		.10		.01					.14		.06		.15					.05				.33			.20	.19
JERSEY CITY	2.37	.42	.03	.08		.29		.30		.01	.02		.02	.01	.04		.06		.16	.03	.04			.20				.39	.01		.16	
LAKEWOOD 2 ENE	2.32	.43	.03	.07		.48		.64			.02	T	T	.05	T	T	.09		T	T	.11			.02				.26			.01	
LAMBERTVILLE	2.74	.14	.16	.17				1.33			.02		.02	.27			.91		.05		.24			.09				.17			.03	.04
LAYTON 3 NW	2.97	.17	.35	.92				.73			.17		.08			.14	.01		.24		.07			.31				.39			.02	.27
LEESBURG STATE FARM	2.90	T	.48	.98	.24			.22				.03	.03	.02			.08				.28			.30	.17			.20	.66			
LITTLE FALLS WATER CO	2.16		.53		.09			.81	.01		.03		.01			.05	.02		.12		.14				.07			.07	.20			T
LONG BRANCH	3.68	.27	.92	.98		1.38		.48					T	T	T	T	.06		T	.02	.06			.14				.30	.13		.16	.37
LONG VALLEY	3.00	.45		.20		.55		.43		.05	.05				.05				.00	.05			.40	.00				.37	.05			.17
MACOPIN INTAKE	3.53		.60		.21			.72	.02		.08		T			.12	.02		.11	.04	.23				1.04			.20	.14			
MANVILLE	2.20	.40	.02	.06		.36		.57									T			T								.48			.01	.40
MARLTON 1 W	2.23	.20	.20	.22				1.02						.10			.04				.94			.02				.28			.01	
NAYS LANDING	2.22	.10	.36		.32			.22			.02			.80			.10							.05				.10			.05	
MIDLAND PARK	2.26	.47		.14				.31			.05		.01		.08		.03		.10	.10				.12				.23	.01			.03
MILLVILLE	2.74	.42	.03	.17				.39						.04		.02					.18			.70				.78				
MILLVILLE CAA AIRPORT	2.23	.47	.02	.20		.20		.21			T		T	.02		.02	.92	.01			.16		.02	.03				.94				
MILTON	4.12		.54		.20			.71	.10		.13		.06			.15	.94		.12		.27		.17		1.15			.19	.28			
MOORESTOWN	2.44		.40		.04			1.00	T		.01		T	.16			T	T			.16			T	.17			*	.23			.16
MORRIS PLAINS	2.26	T	.50	.02	.16			1.00			.06		T				T		.11	T	T			.08				.31	.02		T	
NEWARK WB AIRPORT R	2.46	.62	T	.97		.48		.22		T	.92		.01	T	.10	T	.96	T	.11	.03	T			.07				.29	T		.20	.19
NEW BRUNSWICK EXP STA	2.84	.06	.24	.10				1.36			T		T	.01		T	.08		.06		.22			.10				.20			.20	
NEW MILFORD	2.36	.42	.02	.14		.38		.38		.02	.04				.24		.02		.12	.14	.02			.06				.28				.06
NEWTON	3.11		.45		.20			.71	.01		.12	T	.10			.35	.02		.15	T	.21				.30			.15	.23			
OAK RIDGE RESERVOIR	3.12		.48		.19			.80	.05		.10	.02	.03			.10			.15		.29			.05	.43			.08	.36			
ORANGE	2.55	.34	.01	*	*	*		1.21			.02				.07		.05		.12	.22				.02				.25			.04	.20
PATERSON	2.58		.62		.06			.65	T		.06		.02			.17	.03			T	.28				.95			.30	.10			.03
PEMBERTON 2 E	2.62	.27	.20					1.16			.04			.07				.06			.12			.24				.28			.18	
PHILLIPSBURG	4.11	T	.58	T		T		1.27			.10		.14	.17		.65	T		.45		.05			.07	T			.44			T	
PHILLIPSBURG BRIDGE	3.05		.54		.15			1.20			.04			.29		.41	.04		.60					.06	.21				.51			
PLAINFIELD	2.48	.12	.30	.08				.74			.01		.01	.01	T	T	.94		.10		.94			.02				.66			T	.15
PLEASANTVILLE 1 N	3.42		.48	.01	.40			.56						.32			.90	T	T		.67			.03	T			.12	.63			
PRINCETON WATER WORKS	2.80	.14	.03	T		1.27		.53			T						T	T	T	.35			.06	.02				.24			.10	.14
RAHWAY	1.89	.21	.04	T		.30		.40		T	.01		T		T	T	.10	T	.08	T				T				.57				.08
RIDGEFIELD	2.89	.42	.02	.12		.76		.35		.04	.01				.05	T	.96	T	.19	.10				.01				.37			T	.31
RINGWOOD	2.94		.53		.21			.77	T		.10		.05			.20	.01		.12	.02	.23				.12			.41	.08	T		T
RUNYON	3.08	.12		.12				1.43									.11		.04		.42			.16				.32	.10		.26	
SANDY HOOK	-	.16	.18	T				1.57			T						.12		T					.11				-	-		-	-
SOMERVILLE	2.17	.23	.25	.97				1.08			.02	T	T			T	T		.09		.04			T				.38			.01	
SPLIT ROCK POND	2.66		.46		.05			.75			.10		.06			.15	.04		.00		.14				.40			.20	.11			.01
SUSSEX 2 N	3.24	.14	.44	.60		T		.80			.21		.12			.12	.01		.23		.17			.07				.30				.04
SWEDESBORO 5 NW	2.27		.44	.01	.09			.68	.01		T	.01	T	.50			.01		T		.16			.02				.39	.92			
TOMS RIVER	2.20	.37		T				.73				.98				.08	.24				.15			.40				.24				
TRENTON 2	2.61	.38	.04	.15		1.17		.39		.03	.02			.13	.06		.04	T	.02	.07	.03		.22	.02				.43			.02	.38
TRENTON WB CITY R	2.93	.34	.02	.08		1.22		.18		T	T		T	.96	.01		.02	T		.07	.01		.08	.02				.34			.01	.40
VINELAND	2.75		.37	T	.38			.38			T	.02		.43			.92		T		.16				.13			.14	.72			
WANAQUE RAYMOND DAM	3.04		.46		.30			.70			.06		.02			.13	T		.07	.02	.16				.81			.99	.21			
WESTFIELD	2.62	.44	.93	.98	.35	.45					T										*			*				*			*	1.27
WOODCLIFF LAKE	2.36	.42	.02	.12		.54		.36			.06				.16		.02		.12	.12	.94			.04				.34				

See Reference Notes Following Station Index

Table 5

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	51	51	58	59	55	60	52	50	53	71	63	70	88	70	65	73	50	63	64	62	57	62	76	55	56	60	59	76	59	63	71	62.0
	MIN	47	45	52	48	42	48	45	42	45	52	49	50	60	59	53	50	41	49	51	52	48	55	55	45	44	52	55	53	49	53	58	49.9
AUDUBON	MAX	66	63	69	77	65	79	73	60	63	77	70	81	88	91	74	72	58	65	80	68	75	85	78	62	65	70	66	75	74	81	92	73.0
	MIN	45	40	48	45	41	48	44	40	35	54	52	50	65	63	57	53	37	47	46	49	45	51	59	42	36	43	51	57	46	52	66	48.6
BELLEPLAIN	MAX	66	58	66	74	67	80	79	58	60	77	72	82	89	91	81	74	65	69	75	69	72	80	78	70	63	67	63	71	74	78	90	72.8
	MIN	45	33	46	53	40	45	47	40	32	51	51	47	64	63	57	53	32	42	40	50	36	51	61	40	30	41	53	62	42	48	63	47.0
BELVIDERE	MAX	67	66	71	74	66	73	67	63	64	73	66	84	92	85	78	71	62	66	80	75	80	88	85	63	68	74	71	72	76	75	93	73.8
	MIN	40	41	43	44	36	50	49	32	31	53	44	49	71	63	52	53	33	42	40	45	47	57	56	38	31	40	52	52	39	53	64	46.5
BOONTON	MAX	70	63	61	69	71	62	72	55	58	62	70	63	80	87	75	75	68	57	56	74	67	71	81	68	60	63	68	66	65	71	73	67.8
	MIN	38	36	41	43	34	44	48	36	29	40	42	50	50	60	53	51	32	39	38	46	43	49	55	37	30	38	46	52	43	50	56	43.5
BRIDGETON 1 NE	MAX	77	64	60	66	75	65	82	53	60	61	75	61		87	90	72	71	58	67	79	68	72	81	77	61	64	68	68	75		86	70.4
	MIN	44	37	46	53	39	47	52	39	38	53	52	49		63	55	54	34	42	41	49	39	49	61	37	33	43	54	54	45		51	46.7
BURLINGTON	MAX	67	65	70	78	69	80	76	62	66	78	73	84	89	88	73	73	64	66	79	80	76	79	78	61	66	68	65	66	72	79	92	73.6
	MIN	45	41	46	51	39	48	48	40	36	54	51	49	65	64	55	57	39	38	46	48	46	48	51	43	40	42	44	49	48	52	66	48.0
CANOE BROOK	MAX	69	62	58	70	73	62	73	53	59	63	74	61	82	89	72	76	79	61	60	83	68	73	84	71	61	69	71	66	69	73	79	69.8
	MIN	36	34	41	43	33	45	50	38	29	46	40	40	52	59	54	52	35	38	38	47	43	52	63	39	27	37	52	49	35	50	61	43.8
CAPE MAY 3 W	MAX	66	56	60	63	61	68	67	55	57	70	67	78	78	81	72	70	64	66	68	70	67	66	70	68	60	62	63	71	71	69	84	67.4
	MIN	48	40	47	52	45	48	48	44	43	50	49	48	59	64	57	58	44	48	50	56	42	54	57	47	38	39	42	59	49	53	62	49.7
CHARLOTTEBURG	MAX	67	63	59	68	72	63	72	52	52	60	70	62	82	88	85	73	67	54	51	74	67	73	81	68	57	62	68	64	61	71	75	67.1
	MIN	36	32	35	38	31	38	46	32	24	30	40	45	48	54	50	49	32	34	34	42	40	50	55	31	27	32	43	50	35	42	61	39.9
CHATSWORTH 5 S	MAX																																
	MIN																																
CLAYTON	MAX	66	64	68	77	68	81	80	61	62	75	70	82	89	91	89	71	63	65	81	68	73	83	75	69	67	67	64	74	74	79	90	73.7
	MIN	43	38	46	53	38	47	48	41	35	52	52	49	64	65	56	53	36	44	45	48	42	49	62	40	34	41	51	61	53	59	65	48.7
ELIZABETH	MAX	63	59	70	70	66	76	71	63	61	75	70	81	92	86	78	79	64	56	77	76	73	85	80	66	67	70	66	71	74	74	91	72.6
	MIN	44	38	42	49	37	49	47	37	32	51	48	50	64	57	52	37	34	46	44	47	46	52	63	38	35	41	54	53	42	49	65	46.5
ESSEX FELLS SERV BLDG	MAX	74	70	64	70	74	73	74	54	61	65	72	75	86	90	74	72	75	63	64	80	73	83	85	70	60	67	71	70	67	72	74	71.7
	MIN	35	33	34	38	34	44	46	34	33	35	42	47	42	62	54	46	33	34	45	45	45	49	55	34	29	40	41	40	39	49	54	41.7
FLEMINGTON 1 NE	MAX	66	65	70	75	65	77	73	60	62	75	67	82	87	82	74	70	57	61	78	68	74	83	83	67	65	70	67	70	72	73	91	71.9
	MIN	36	35	43	44	33	45	49	35	27	52	45	48	60	60	49	47	29	40	40	38	42	47	63	32	29	35	54	53	40	51	59	43.9
FREEHOLD	MAX	72	58	68	77	72	77	70	60	62	75	71	81	87	78	73	70	64	62	79	73	70	86	74	65	64	69	65	70	72	75	90	71.9
	MIN	42	38	43	50	37	47	49	37	33	50	47	47	67	62	52	52	34	46	46	47	42	50	62	38	33	42	58	56	43	47	62	47.1
HAMMONTON 2 NNE	MAX	83	65	65	70	78		83	63	62	69	80	58	84	89	84	72	74	60	68	72	70	60	62	78	65	70	72	65	70		84	71.6
	MIN	42	32	44	52	39		45	37	36	45	52	50	54	63	55	53	36	40	35	44	42	43	53	39	34	42	51	45	43		49	44.7
HIGHTSTOWN 1 N	MAX	64	60	68	75	64	78	67	60	63	75	66	81	87	80	72	71	58	64	78	69	74	85	74	63	65	70	64	71	74	74	91	71.1
	MIN	42	36	43	51	36	46	47	36	34	51	48	48	65	61	53	53	33	46	45	46	43	50	60	37	31	42	50	55	42	50	65	46.6
INDIAN MILLS 2 W	MAX	64	62	70	77	65	81	74	60	63	76	69	82	88	92	76	72	60	66	80	69	75	86	77	62	66	70	64	75	74	82	93	73.2
	MIN	42	31	45	51	34	44	45	37	30	52	51	48	64	60	54	53	32	43	44	48	38	46	62	35	28	36	50	58	41	48	66	45.7
JERSEY CITY	MAX	57	53	66	60	57	70	53	60	57	75	62	75	88	80	71	71	52	54	75	63	60	70	70	58	56	61	63	65	67	71	87	65.4
	MIN	41	44	41	45	40	50	46	36	42	50	48	48	68	58	55	49	38	46	47	48	50	54	54	50	40	51	54	52	48	52	68	48.8
LAKEWOOD 2 ENE	MAX	57	57	70	79	62	82	52	58	63	77	58	83	89	66	72	74	57	61	77	66	66	83	78	60	69	69	66	73	68	79	93	69.8
	MIN	37	32	46	44	33	46	37	32	28	54	46	49	66	53	54	43	35	44	44	43	38	49	47	31	30	39	53	59	40	48	61	43.9
LAMBERTVILLE	MAX	64	64	69	75	65	78	77	60	62	75	72	81	87	81	72	70	63	63	78	77	74	84	82	67	64	70	69	70	72	73	90	72.5
	MIN	40	37	44	49	35	48	48	36	33	53	46	49	63	61	54	53	33	46	43	46	44	50	65	36	31	40	52	53	39	53	63	46.5
LAYTON 3 NW	MAX	65	62	71	72	69	70	63	60	62	70	65	83	88	82	73	68	58	53	75	71	75	83	78	58	64	70	67	64	71	90	88	70.6
	MIN	31	33	38	34	28	40	47	30	22	46	38	46	58	55	48	50	24	40	32	36	40	53	56	32	23	30	47	43	31	52	55	39.9
LEESBURG STATE FARM	MAX	78	61	58	61	70	59	76	55	57	65	75	58	81	90	87	75	73	55	69	71	66	69	74	75	62	60	64	65	75	65	76	68.5
	MIN	45	34	45	50	40	45	52	40	39	48	50	48	51	62	52	55	38	44	41	50	38	51	61	42	31	48	55	58	43	53	57	47.3
LITTLE FALLS WATER CD	MAX	72	65	60	72	72	66	75	55	62	65	75	64	83	90	75	78	72	62	57	80	70	72	85	71	62	65	69	69	68	75	74	70.3
	MIN	40	38	42	46	37	47	49	36	32	48	43	49	51	61	53	52	36	42	41	46	45	50	62	37	31	40	51	51	43	53	59	45.5
LONG BRANCH	MAX	55	54	68	75	58	73	70	55	57	76	67	79	88	69	68	71	53	57	70	65	60	72	75	58	58	65	64	69	67	77	91	67.2
	MIN	45	38	45	45	40	48	40	38	35	54	47	49	67	60	54	45	38	45	44	45	45	51	59	40	39	43	53	53	47	50	65	47.3
LONG VALLEY	MAX	64	60	69	71	62	72	66	59	62	73	66	80	89	85	74	73	66	57	75	73	72	81	78	60	63	68	66	67	69	72	87	70.3
	MIN	38	34	40	40	32	46	45	34	26	49	40	47	59	58	47	41	28	43	35	43	42	48	56	32	29	33	47	50	38	48	63	42.3
MILLVILLE CAA AIRPORT	MAX	65	61	68	74	63	82	56	61	61	76	65	82	89	92	74	74	57	68	75	69	72	80	77	62	64	66	64	76	67	80	91	71.3
	MIN	42	36	51	46	41	49	42	39	36	57	50	50	65	64	55	45	33	44	42	46	40	52	52	40	34	44	58	52	44	52	66	47.3
MOORESTOWN	MAX	65	62	68	75	64	79	73	59	62	75	62	80	87	90	73	72	57	65	79	70	74	84	75	61	65	69	65	73	72	79	91	71.8
	MIN	44	37	47	45	36	46	43	39	38	54	49	49	64	58	55	45	35	46	46	47	44	52	57	38	32	42	51	49	44	52	65	46.7
MORRIS PLAINS	MAX	63	62	69	71	68	72	72	58	61	73	70	79	89	87	75	70	64	54	75	74	71	82	79	65	63	68	68	66	71	71	87	70.9
	MIN	40	34	39	43	33	47	45	35	28	49	44	48	66	59	53	50	28	43	36	44	43	50	62	35	30	37	50	50	45	49	66	44.5
NEWARK WB AIRPORT	MAX	59	55	71	65	65	74	53	61	65	75	60	83	92	75	73	73	57	56	80	67	65	82	71	62	60	67	65	69	74	75	92	69.1
	MIN	45	44	45	46	42	50	46	38	38	54	48	50	68	56	55	44	39	47	47	49	49	54	48	44	42	46	55	53	48	52	67	48.7
NEW BRUNSWICK EXP STA	MAX	63	61	69	75	63	75	75	59	62	74	72	80	87	87	72	70	64	59	77	77	71	83	82	66	62	68	67	69	71	72	89	71.6
	MIN	42	38	42	47	37	46	46	39	33	52	47	48	65	57	52	52	35	45	44	47	44	49	63	40	32	42	52	54	44	51	65	46.8
NEWTON	MAX	67	65	61	69	74	64	71	52	57	63	70	64	82	86	80	72	67	57	54	75	67	74	83	68	57	63	70	63	63	73	73	67.9
	MIN	36	36	40	41	35	44	48	34	27	45	40	48	49	58	50	51	30	39	34	43	43	52	60	37	27	35	49	51	42	49	55	42.8
PATERSON	MAX	75	65	62	72	71	66	75	55	61	66	77	62	82	91	75	77	73	62	70	85	68	71	85	72	62	76	70	66	70	75	76	71.4
	MIN	43	41	43	46	39	45	49	36	35	44	46	51	60	60	54	53	42	37	42	52	49	54	60	41	37	47	52	54	46	53	60	47.5
PEMBERTON 3 E	MAX	67	62	69	77	65	79	77	61	64	75	61	80	89	87	77	71	59	66	79	74	75	85	77	64	65	70	67	75	74	80	91	73.0
	MIN	43	32	44	48	35	43	46	37	30	48	50	46	63	61	53	52	31	45	41	46	39	37	62	36	30	38	51	56	43	48	57	44.9
PHILLIPSBURG	MAX	65	65	69	74	72	73	75	60	64	73	72	80	85	88	82	73	65	60	76	77	76	82	79	63	65	70	70	68	74	73	90	72.8
	MIN	40	40	44	45	37	49	48	36	32	53	44	49	64	62	51	54	35	45	43	46	47	54	52	40	34	40	52	53	40	56	62	46.7
PLAINFIELD	MAX	63	59	69	75	65	75	72	61	64	77	64	81	90	78	76	72	59	59	78	68	73	84	72	63	65	68	63	70	73	73	90	70.9
	MIN	41	37	42	49	36	48	47	38	32	52	47	50	65	53	53	53	36	46	43	47	45	50	58	40	33	40	53	55	44	50	66	46.7
PLEASANTVILLE 1 N	MAX	81	58	67	63	67	59	70	55	53	57	78	58	85	89	74	70	74	51	67	68	62	63	74	78	60	60	63	68	77	64	72	67.3
	MIN	46	32	47	50	39	44	50	36	31	43	50	49	54	62	56	53	32	40	44	49	39	45	57	41	32	42	48	56	42	50	55	45.6
RIDGEFIELD	MAX	66	62	69	72	67	75	73	62	66	77	68	83	89	87	78	73	58	54	78	68	74	83	71	62	66	71	64	69	75	72	91	71.7
	MIN	41	40	43	45	36	49	45	36	38	50	45	51	66	64	53	44	37	45	42	46	48	54	48	33	33	43	54	54	43	52	67	46.6

See Reference Notes Following Station Index

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RUNYON	MAX	62	58	70	68	75	80	70	63	68	80	70	86	90	84	78	73	68	63	79	77	75	88	78	69	68	72	68	73	78	82	92	74.4
	MIN	38	32	43	42	32	47	40	34	27	38	48	48	60	59	56	53	33	40	41	47	43	50	63	33	27	45	61	51	56	60	61	45.4
SANDY HOOK	MAX	55	55	66	69	58	70	53	56	60	71	61	75	84	72	67	70	58	58	73	66	62	72	71	60	58	65						64.8
	MIN	46	42	42	42	43	50	46	40	39	50	48	49	63	52	51	51	40	40	48	50	49	53	53	45	44	44						46.9
SOMERVILLE	MAX	64	62	70	75	66	78	75	62	63	76	66	81	89	80	75	71	60	61	78	75	74	84	78	67	64	70	64	71	72	74	91	72.1
	MIN	39	35	43	45	33	43	48	43	30	53	50	49	63	60	53	53	32	46	41	44	43	50	64	35	31	37	52	51	40	52	63	45.8
SUSSEX 3 N	MAX	63	58	70	72	65	66	57	58	61	68	65	80	86	80	72	69	57	54	74	68	74	82	75	59	63	68	68	64	72	86	90	69.2
	MIN	35	38	39	43	35	48	46	31	29	49	39	46	64	59	50	48	32	42	36	40	45	54	55	37	28	40	49	52	35	48	51	43.3
TRENTON 2	MAX	65	64	70	76	66	78	61	62	64	77	65	84	89	83	74	71	58	65	81	68	75	85	75	63	65	70	65	70	74	75	92	71.9
	MIN	42	39	45	45	37	48	45	38	38	53	48	49	65	56	53	50	35	47	47	47	47	53	51	39	34	45	53	52	45	53	65	47.2
TRENTON W8 CITY	MAX	64	61	69	75	64	78	52	60	61	75	63	83	88	79	72	69	57	62	78	66	73	83	73	61	63	68	65	70	71	75	90	69.9
	MIN	44	43	45	46	41	48	46	40	39	55	49	49	65	58	56	46	39	48	47	48	48	53	46	42	40	48	53	51	47	52	66	48.3

Table 6

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
CANOE BROOK	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	.07	.20	.22	.17	.19	.13	.11	.10	.19	.13	.14	.23	.09	.18	*	*	.28	.27	.01	-
	WIND	-	-	-	-	-	-	-	-	-	-	-	22	20	26	30	27	66	5	2	20	19	21	72	9	3	1	24	12	38	17	13	-
PLEASANTVILLE 1 N	EVAP	-	.13	.20	.01	.22	.17	.07	.14	.16	.20	.14	.13	.20	.08	.24	.16	.25	.09	.13	.27	.23	.12	.18	-	.29	.22	.19	-	.42	.20	-	B5.58
	WIND	-	34	36	32	55	60	52	*	*	*	*	*	309	39	42	47	85	28	30	75	28	42	68	45	37	36	51	56	40	3	72	B1449
RUNYON	EVAP	.16	.00	.10	.00	.10	.15	.00	.18	.18	.08	.18	.15	.18	.21	.23	.10	.12	.10	.17	.00	.15	.21	.00	.18	.20	.15	.00	.00	.18	.00	.23	3.87
	WIND	9	8	10	4	8	10	8	28	30	32	14	8	11	12	12	18	5	8	5	4	4	5	10	14	4	10	12	23	7	6	10	345

See Reference Notes Following Station Index

STATION INDEX

Station	Index No.	County	Drainage †	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MID	BERGEN COUNTY ENGS	C
#ATLANTIC CITY WB	0325	ATLANTIC	1	30 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	30 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	30 37	74 26	20		6P	N.Y. FORESTRY SVC	3
BELLEPLAIN	0680	CAPE MAY	1	30 18	74 52	40	5P	5P	MRS. ED C. HOFFMAN	2 3 5
BELMAR	0T21	MONMOUTH	1	40 10	74 02	10		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	280	5P	5P	MISS C. S. HIXSON	2 3 5 7
BERLIN 1 W	078T	CAMDEN	T	39 48	74 57	150		7A	SANUEL H. NC CULLEY	3
BOONTON	0907	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WRT WKS	2 3 5
BRANCHVILLE	0078	SUSSEX	2	41 09	74 47	570		7A	ALBERT N. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	30 28	75 12	114	9A	0A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CAMOE BROOK	1355	ESSEX	8	40 45	74 21	180	0A	0A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	39 28	75 25	10		0A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE NAY	1	38 56	74 57	17	5P	5P	N.WEST NAGNESITE CO	2 3 5 C
CEDAR GROVE	14T2	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	30 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	T60	7A	7A	NEWARK WATER DEPT	2 3 5 T
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	30 44	74 32	00	5P	5P	WILLIAN S. HAINES	2 3 5 7
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2200	SALEM	2	39 41	75 30	12		MID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2052	UNION	8	40 39	74 12	30		MID	SEWAGE TREATNENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3020	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUNBERLAND	2	39 14	75 10	5		5P	F. A. ROOENBAUGH	INAC 10/55
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	30 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS	3416	WARREN	2	40 53	74 55	560		MID	EDWARD KOWALICK	C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A	WATER SUPPLY CONN	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGHTSTOWN 1 N	3951	NERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	NERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN NILLS 2 W	4220	BURLINGTON	7	39 46	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT NEETING GARA	3 C
JERSEY CITY	4330	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	MID	MID	GEORGE G. WADDILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. N. DEPUE	2 3 5
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	8A	8A	LEESBURG STATE FARN	2 3 5
LITTLE FALLS WATER CO	4887	PASSAIC	8	40 53	74 14	157	0A	0A	PASSAIC VLY WTR CO	2 3 5 C
LONG BRANCH	4987	MONMOUTH	1	40 16	74 00	34	MID	MID	STORM WARN. DSPL STA	2 3 5 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MID	JANES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	1020		9A	NEWARK WATER DEPT	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	00		6P	DAVID GRISCON	3
MAYS LANDING	5346	ATLANTIC	3	30 27	74 44	50		5P	ELNER EARLE	3
MIDLAND PARK	5503	BERGEN	8	40 50	74 00	210		MID	CORNELIUS HOWARD	3
MILLVILLE	5576	CUNBERLAND	6	39 24	75 03	60		MID	L. J. GALLAHER	3 C
MILLVILLE CAA AIRPORT	5581	CUMBERLAND	6	39 22	75 04	68	MID	MID	CIVIL AERO. ADN.	2 3 5 7
MILTON	550T	MORRIS	8	41 01	74 32	050		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5T28	BURLINGTON	2	30 58	74 58	55	MID	8A	H. J. WILLARD	2 3 5 7
MORRIS PLAINS	5760	NORRIS	8	40 50	74 30	500	4P	4P	JANES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTHUR H. AHLQUIST	2 3 5 7
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR CONM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	8TT5	PASSAIC	8	40 55	74 00	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	30 58	74 38	60	5P	5P	CHARLES A. DOEHLERT	2 3 5 7
PHILLIPSBURG	6074	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5
PHILLIPSBURG BRIDGE	6070	WARREN	2	40 42	75 12	106		0A	JOINT TOLL BRDGE COM	3
PLAINFIELD	70T9	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANTVILLE 1 N	7131	ATLANTIC	1	30 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	T328	NERCER	10	40 10	74 40	00		MID	PRINCETON WATER CO	3
RAHWAY	7393	UNION	9	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK	7860	MONMOUTH	1	40 28	74 01	22	7P	TP	U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SONERSET	10	40 34	74 37	T5	6P	6P	W. E. HAVER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	6P	6P	BRICE B. STANTON	2 3 5 7
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	T4 50	551		MID	M. J. ERVEY	C
TRENTON 2	88T8	NERCER	2	40 14	74 46	105	MID	MID	E. H. RISTOW	2 3 5
#TRENTON WB CITY	8883	NERCER	2	40 13	74 46	56	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8890	OCEAN	1	39 35	74 22	45	8A	8A	VERNON W. MOTT	INAC 1/56
VINELAND	9135	CUNBERLAMO	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 02	74 18	320		8A	WATER SUPPLY COMM	3 C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MID	BONNIE BURN SAN.	C
WESTFIELD	9455	UNION	9	40 39	74 21	135		5P	TOWN ENGINEER	3 C
WOODCLIFF LAKE	0832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	0010	SALEM	2	39 40	75 20	16	5P	8A	WOODROW W. HALTER	INAC 2/56

† 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

The four digit idnntiflcation numbers in the indsx number column of the Station Index are assigned on a state banis. There will be no duplication of numbers wlthin a ntatn.

Figurns and letters following the station name, such as 12 SSW, indicatn dlntance in miles and direction from the post office.

Obsnrvation timns givnn in thn Statlon Index arn in local standard time.

Delayed data and corrnctions will bn carrled only in the June and Decnmbnr issues of this bulletin.

Monthly and seasonal snowfall and heating degrnn days for the preceding 12 months will be carrind ln the Junn issus of this bulletin.

Stations appnaring ln the Index, but for whicb data are not listed ln thn tables, are either misning or rnceived too late to be lncluded ln this issue.

Unlnss otherwisn indicated, dimenslonal units used ln this bulletin are: tnmperature in °F., preclpitation and evaporation in inches, and wlnd movnment in milnn. Degree days arn based on a daily avarage of 65° F.

Evaporatlon ls measured in tbn ntandard Weather Bureau type pan of 4 foot diameter unlnss otbnrwisn shown by footnotn following Table 6.

Amounts in Tabln 3 are from non-recording gages, unlens otherwise indicated.

Data ln Tablns 3, 5 and 6 and snowfall data in Table 7 are for the 24 bours ending at time of observation. See the Station Index for observation time.

Snow on ground in Tabln 7 ls at obsnrvatlon time for all except Weather Bureau and CAA stations. For these stations nnow on ground values are at 7:30 A.M. E.S.T. WTR EQUIV in Tabln 7 mnans the watnr nqnivalnnt of snow on the ground. It ls measured at selected ntations when the depth of snow on thn ground is two inches or more. Water equlvalent samples are necessarily taken from different points for succnssivn observatlons; consnquently occaslonal driftlng and other causes of local variability in the nnowpack result in apparent lnconsistencies in the record.

Long-tnrm means for all stations except full-time Weather Bureau stations arn based on the perlod 1931-1955.

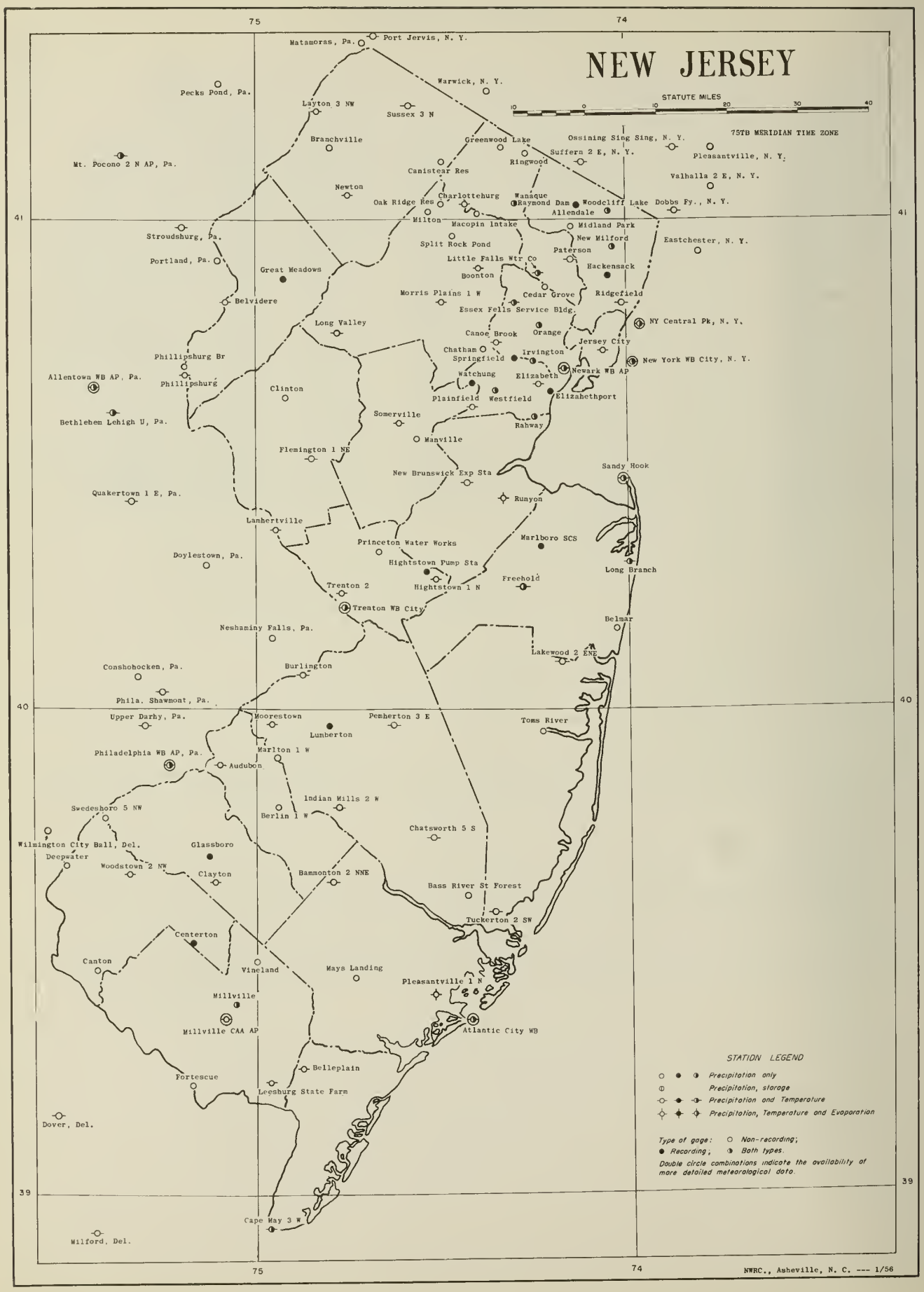
Long-term mnans for fnll-time Weatber Burnau stationn (those shown ln the Station Index as United States Weather Bureau Stations) are baned on the period 1921-1950, adjusted to reprnsent observations taknn at thn prnsnnt location.

- \- No record ln Tables 3, 6, 7 and the Station Index. No rncord ln Tables 2 and 5 is indicated by no entry.
- \+ And also on a later date or dates.
- * Amount includnd in following measurement, timn distribution unknown.
- # Thermomnters arn gnnnrally nxposnd in a sheltnr located a few feet above sod-covered ground; however, tbe reference indicates that the thermometern are nxposnd in a nheltnr located on the roof of a building.
- AM Data based on observational day ending before noon.
- B Adjustnd to a full month.
- C Data for rncorder stations dnnotnd by "C" are processed for npecial purposes and publishnd in Bourly Precipitatlon Data. Length of record for recorder-only stations may be found in thn Annual Issue of Hourly Precipitation Data.
- D Water equivalent of snowfall wholly or partly estimatnd, uning a ratio of 1 lnch watnr nquivalent to nvery 10 inches of new snowfall.
- M Onn or morn days of record missing; see Table 5 for detailnd daily record. Degree day data, if carried for this station, have been adjusted to represent thn valun for a full month.
- B Amounts from recording gage (These amounts are essentially accuratn but may vary slightly from the amounts to be publishnd later ln Bourly Precipltatlon Data).
- T Tracn, an amount too small to measurn.
- V Includns total for previous month.

Additional lnformation rngarding the climate of New Jnrsny may be obtained by writing to any Wnather Burnau Office or to the Statn Climatologint at Weathnr Burnau Office, c/o General Delivnry, Trnnton, Nnw Jersey.

Subscription Pricn: 20 cents pnr copy, monthly and annual; $2.50 pnr year. (Yearly subscription includns the Annual Summary.) Checks and money orders should be madn payabln to the Supnrintnndnnt of Documents. Remittancns and correspondnncn rngarding subscriptions should bn sent to thn Superintnndnnt of Dncumentn, Govnrnmsnt Prlnting Office, Washington 25, D. C.

NWRC., Ashevilln, N. C. --- 6/28/56 --- 775



NWRC., Asheville, N. C. --- 1/56

551.05
UNNJ
Cop. 1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

THE LIBRARY OF THE
AUG 21 1956
UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

NEW JERSEY

JUNE 1956
Volume LXI No. 6

ASHEVILLE: 1956

WEATHER SUMMARY

GENERAL

June was slightly warmer and wetter than usual. The warmer than usual weather was welcomed by farmers since crops were retarded somewhat by persistently cool weather during the spring season.

Almost three-fourths of the temperature stations that have long-term means showed positive departures. The range of departures was from +2.7° at Runyon to -1.5° at Lakewood 2 ENE. Two stations, Hammonton 2 NNE and Runyon, reached 100° on the 14th for the State's highest temperature and two stations, Charlotteburg and Layton 3 NW, dropped to 35° on the 19th for the lowest reading of the month. These extreme readings were well within the range of extremes during the period of record since 1885.

This was the wettest June since 1948. Stations with long-term precipitation means were nearly equally divided between positive and negative departures. These departures ranged from +6.43 inches at Belleplain to -1.68 inches at Plainfield. Monthly totals varied from 2.51 inches at Deepwater to 8.86 inches at Belleplain, while the greatest daily amount was 2.90 inches at Berlin 1 W on the 3rd. A large percentage of the stations had greatest daily amounts that exceeded 1 inch, and several stations had between 2 and 3 inches.

Daytime cloudiness was slightly more than usual, while the percentage of possible sunshine was slightly in excess except at Trenton where it was slightly below usual expectancy.

WEATHER DETAILS

As the month began temperatures were slightly above normal, but the passage of a cold front on the 1st brought cooler weather for the remainder of the 1st week with temperatures averaging slightly below normal. Precipitation fell throughout the State on the 1st and 2nd, and continued in most areas until the morning of the 3rd. Most stations reported heavy amounts on the 2nd. On the 8th temperatures were generally slightly above normal, but cloudy and cooler weather with showers and thunderstorms prevailed on the 9th and 10th. A warming trend which began on the 11th produced the warmest weather of the month during the 13th to 17th period. Showers and thunderstorms on the 16th and 17th brought the only significant precipitation during this warm period.

The passage of a cold front across the State on the 17th ushered in cooler weather that persisted the 18th to 21st, with many stations reporting their lowest temperature of the month in this period. General rains occurred on the 21st with amounts ranging from light to heavy. Temperatures for the period 22nd to 27th averaged slightly above normal, but the cold front passage late on the 27th brought cooler weather and the month ended with temperatures just slightly below normal. Scattered showers and thunderstorms occurred on the 23rd, 24th, 27th and 28th.

WEATHER EFFECTS

Adequate precipitation and soil moisture during the early part of the month, except in a few scattered areas, resulted in good general crop progress; but warmer nights were needed for growth to approach normal for the time of year. The first prolonged heat wave of the season, which occurred about mid-month; was accompanied by warm nights and induced excellent growth in most crops. However, the lack of appreciable precipitation in some areas at this time of the month necessitated increased irrigation. As the month ended general crop growth and progress was reported to have been very good during the past few weeks. Still, some areas needed to continue irrigation until a more general rain could furnish a more equal distribution of moisture over the State.

DESTRUCTIVE STORMS

On the 10th from 6 to 9 p.m., in Hunterdon and Warren Counties, a thunderstorm with accompanying hail, wind and lightning caused an estimated $250,000 damage to crops and other property. The principal damage was due to hail although some was caused by wind and lightning. Extensive damage to crops, houses, trees, shrubbery, greenhouses, and automobiles was reported in the storm area reaching from Belvidere to Clinton and Flemington. Hailstones varying in size from moth balls to golf balls were sighted, and in some places, piled 4 to 5 inches high.

FLOODS

None were reported during June.

Franklin W. Long
Weather Records Processing Center
Chattanooga, Tennessee

CLIMATOLOGICAL DATA

TABLE 2

NEW JERSEY
JUNE 1956

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No of Days: 1.0 or More	5.0 or More	1.00 or More
ATLANTIC CITY W8	R	74.4	63.1	68.8	.1	95	13	56	4+	37	1	0	0	0	4.12	1.13	1.50	21	.0	0		7	3	1
AUDUBON		82.8	61.0	71.9		96	14	48	20	12	7	0	0	0	7.07		1.50	24	.0	0		10	6	1
BELLEPLAIN		82.0	59.1	70.6		96	14	42	20	24	7	0	0	0	8.86	6.43	1.76	2	.0	0		10	7	4
BELVIDERE		84.3	58.0	71.2	.4	98	14	46	19+	11	8	0	0	0	8.28	3.88	2.40	24	.0	0		8	6	2
BOONTON	AM	80.6	55.4	68.0	.1	95	15	42	4+	47	4	0	0	0	3.80	- .26	.94	3	.0	0		11	2	0
BRIDGETON 1 NE	AM	81.0M	59.2M	70.1M		95	15	45	20	32	4	0	0	0	3.67		1.20	3	.0	0		5	5	1
BURLINGTON		84.7	61.2	73.0	.2	98	14	48	20	4	10	0	0	0	5.67	1.94	1.30	2	.0	0		8	5	1
CANOE BROOK	AM	82.2M	55.8M	69.0M	1.1	97	15	41	20	39	7	0	0	0	3.76	- .45	1.10	28	.0	0		9	2	1
CAPE MAY 3 W		78.3	59.8	69.1		91	15	42	20	30	2	0	0	0	4.73		1.42	2	.0	0		9	5	1
CHARLOTTEBURG	AM	79.4	51.9	65.7	- 1.1	94	15	35	19	80	3	0	0	0	3.33	- 1.16	.88	3	.0	0		9	3	0
CHATSWORTH 5 S																								
CLAYTON		83.3	59.3	71.3		98	15	45	20	13	5	0	0	0	4.80		1.25	2	.0	0		12	3	1
ELIZABETH		83.1	59.5	71.3	.3	99	14	46	20	12	6	0	0	0	4.29	.38	1.63	24	.0	0		8	2	2
ESSEX FELLS SERV BLDG	AM	82.9	57.8	70.4		97	15	49	5+	10	8	0	0	0	3.07		.81	3	.0	0		9	1	0
FLEMINGTON 1 NE		83.8	55.8	69.8	- 1.0	96	14	40	20	23	8	0	0	0	3.90	- .02	.96	2	.0	0		8	3	0
FREEHOLD		82.2	59.4	70.8	.5	97	14	47	19+	11	6	0	0	0	3.61	- .12	1.33	2	.0	0		7	2	1
HAMMONTON 2 NNE	AM	86.1	60.8	73.5	2.0	100	14	44	20	11	14	0	0	0	6.42	2.38	2.88	3	.0	0		8	5	2
HIGHTSTOWN 1 N		82.4	58.8	70.6	.8	97	14	44	20	13	5	0	0	0	2.98	- 1.02	1.14	24	.0	0		6	3	1
INDIAN MILLS 2 W		83.2	57.1	70.2	- .1	99	14	40	20	21	8	0	0	0	4.76	.71	2.33	2	.0	0		9	1	1
JERSEY CITY		77.9	62.4	70.2	- .1	97	14	52	19	27	4	0	0	0	2.83	- .69	1.24	2	.0	0		6	1	1
LAKEWOOD 2 ENE		80.1	56.6	68.4	- 1.5	95	14+	39	20	53	7	0	0	0	4.06	.55	1.18	3	.0	0		7	4	2
LAMBERTVILLE		83.3	58.3	70.8	.8	95	14	45	20	16	6	0	0	0	5.27	1.32	1.01	3	.0	0		9	4	1
LAYTON 3 NW		83.4	52.7	68.1	.8	95	15	35	19	37	8	0	0	0	3.51	- .70	.68	3	.0	0		8	3	0
LEESBURG STATE FARM	AM	81.0	58.9	70.0		94	14+	48	8	32	6	0	0	0	6.37		1.65	3	.0	0		8	5	3
LITTLE FALLS WATER CO	AM	83.5	57.6	70.6	.9	99	15	46	20	18	9	0	0	0	4.60	.15	1.23	3	.0	0		11	2	1
LONG BRANCH		78.7	59.6	69.2	.0	93	14+	46	20	44	5	0	0	0	2.96	- .63	.81	23	.0	0		5	3	0
LONG VALLEY		80.8	54.8	67.8		95	14	39	20	38	3	0	0	0	3.88	- .41	1.15	2	.0	0		7	3	1
MILLVILLE CAA AIRPORT		82.4	60.2	71.3		97	14	43	20	17	7	0	0	0	4.51		.99	1	.0	0		6	5	0
MOORESTOWN		81.4	59.9	70.7	.5	95	13+	45	20	21	6	0	0	0	4.83	1.19	1.30	3	.0	0				1
MORRIS PLAINS		83.2	56.1	69.7		96	14	39	20	29	7	0	0	0	2.63		.52	2	.0	0		7	1	0
NEWARK W8 AIRPORT	R	81.6	62.1	71.9	1.4	99	14	52	20	19	6	0	0	0	3.31	- .49	1.01	2	.0	0		7	2	1
NEW BRUNSWICK EXP STA		82.2	59.2	70.7	.7	95	14	46	20	15	6	0	0	0	3.15	- .68	1.12	24	.0	0		8	2	1
NEWTON	AM	80.7	54.1	67.4	- .1	94	15+	38	19	59	5	0	0	0	3.96	- .51	.76	27	.0	0		9	4	0
PATERSON	AM	82.9	60.3	71.6	.9	99	15	49	20	17	8	0	0	0	4.03	- .32	1.72	3	.0	0		10	1	1
PEMBERTON 3 E		84.0	57.0	70.5	- .7	97	14	39	20	19	8	0	0	0	2.94	- .95	.79	2	.0	0		6	2	0
PHILLIPSBURG		84.9	57.7	71.3	1.5	95	14+	46	20	15	11	0	0	0	6.86	2.47	1.79	24	.0	0		7	5	3
PLAINFIELD		81.8	58.7	70.3	.4	97	14	45	20	17	5	0	0	0	2.89	- 1.68	.53	24	.0	0		7	2	0
PLEASANTVILLE 1 N	AM	79.1M	59.4M	69.3M	- .1	96	14	48	5	43	4	0	0	0	4.50	1.36	1.14	22	.0	0		6	5	2
RIDGEFIELD		82.2	60.0	71.1	1.1	99	14	48	20	18	7	0	0	0	4.19	.43	1.25	2	.0	0		9	3	2
RUNYON		86.9	57.0	72.0	2.7	100	14	40	20	14	14	0	0	0	4.06	.21	1.57	17	.0	0		7	2	1
SANDY HOOK LBSTA		78.0	63.3	70.7	1.0	95	15	53	9	18	4	0	0	0	3.50	.38	1.35	2	.0	0		6	2	2
SOMERVILLE		83.2	57.8	70.5	.7	96	14	42	20	17	5	0	0	0	3.96	- .04	1.35	24	.0	0		8	3	1
SUSSEX 3 N		81.4	55.4	68.4	- .5	96	15	42	19	35	4	0	0	0	3.84	- .36	1.28	16	.0	0		8	3	1
TRENTON 2		83.1	60.9	72.0		96	14	48	20	10	8	0	0	0	4.46	.21	1.88	2	.0	0		8	2	1
TRENTON W8 CITY	R	81.5	61.8	71.7	.9	96	14	51	20	16	6	0	0	0	5.01	1.14	2.03	2	.0	0		7	3	2
AVERAGE				70.3											4.39				.0					

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
JUNE 1956

Station		Total	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	R	4.12	.83	.46	.01						.03	.29	.01				.01	T	.20	T			1.50	T		.66			.12	T			.
AUDUBDN		7.07	.22	.94	.40							.86					T	.84	.96				.15	.00		1.50			.28				.
BASS RIVER ST FDREST		4.36	.56	1.74					.21										.51				.32			.61			.06	.37			.
BELLEPLAIN		6.86	1.56	1.76	1.25								.92					.05	.85	.17			1.00	.58		.38				.03	.31		.
BELMAR		3.67	.61	.70	.12							.13											.06			1.60			.04	.61			.
BELVIDERE		6.28	.31	.81	.80					T	T	2.20	.55					T		T			.26			2.40			.93				.
BERLIN 1 W		5.87		.60	2.90								.62					.25					.50	1.00									.
BOONTON		3.80	.34	.20	.94					T	.10	.36							.19				.04	.29		.20	.03		.38	.53	.11		.
BRANCHVILLE		4.85	.16	.22	.75			.04				.07	.15					T	2.19					.34		.18	T		.59	.16			.
BRIDGETON 1 NE		3.67	.03	.50	1.20	.01							.55	T				.04	.04	.01	.01			.63		.64	.01						.
BURLINGTON		5.67	.95	1.30	.83								.05					.30	.56			.09				.90			.19	.48			.
CANISTEAR RESERVOIR		3.10	.20	.02	.81	T					T	.03	.14						.72	T			T	.26		.12			.38	.45			.
CANOE BROOK		3.76	.36	.08	.07						T	.03	.21						.03				.10	.22		.25	.10		.30	1.10	.01		.
CANTON		2.68		.16	.84								.55					.05		.01			.01	.35	.06	.53							.
CAPE MAY 3 W		4.73	.50	1.42	.32							.01	.14			.33				.33			.59	.55		.52			.02				.
CEDAR GRDVE		5.66	.48	.24	1.28								1.66					.16	.16				.07	.34		.10	.52		.13	.33	.17		.
CHARLOTTEBURG		3.33	.53	.12	.88	.03						.03	.13						.24				.01	.22		.22			.66	.26			.
CHATHAM		3.41	.36	.07	.92							.02	.18						.04				.08	.26		.20	.20		.19	.69			.
CHATSWORTH 5 S			RECORD MISSING																														.
CLAYTON		4.60	.26	1.25	.30								.62					.00		.33			.29	.13	.42	.31			.52	.11	.15		.
CLINTDN		5.93	.22	.85	1.07						T		2.12							T			.32			.77			.54	.04			.
DEEPWATER		2.51	.12	.41	.06							.63	.01				.01	.40				.02	.18	.02		.44			.02	.19			.
ELIZABETH		4.20	.31	1.06	.34							.02	.10					.01					.32	.08		1.63			.24	.18			.
ELIZABETHPORT		4.40	.31	1.20	.22						T	.04						.01				.01	.33	.02	.05	1.29			.64	.28			.
ESSEK FELLS SERV BLDG		3.07	.32	.20	.81							.03	.30						.15					.45		.24			.22	.35			.
FLEMINGTON 1 NE		3.90	.42	.96	.75	T		T			T	.01	.42					.16	T	T			.36			.30	T		.53	T			.
FREEHOLD		3.61	.47	1.33	.06						.03	.12							.23				.17			.01				.27			.
GREENWOOD LAKE		3.16	.41	.10	1.28	.01						T	.20						.15	.01			.11	.10		.10			.66	.03			.
HAMMONTDN 2 NNE		6.42		.54	2.88								1.02				.01	.01					.03	.30	.23	.57				.32	.51		.
HIGHTSTOWN 1 N		2.96	.25	.72							T	T	.50					.19	T				.14			1.14			T	.04			.
INDIAN MILLS 2 W		4.76	.23	2.33	.34						T	T	.28					.24	.26	T			.18		.42	.48			T				.
IRVINGTON		3.46	.27	.88	.23						.02	.16	.01					T	T				.33		.62	.13			.80	.01			.
JERSEY CITY		2.83	.33	1.24	.25						.01	.11						.04	.04				.35		.02	.36			.06				.
LAKEWOD 2 ENE		4.06	.01	.34	1.18						.01	.27				.23			T				.08		1.00	.24			.50				.
LAMBERTVILLE		5.27	.35	.85	1.01								.36					.05		.77			.35			.95			.26	.32			.
LAYTON 3 NW		3.51	.20	.60	.68		T				.08	.05			.02	.21		.21	.08				.40			.26			.63				.
LEESBURG STATE FARM		6.37		1.14	1.65								.56					.04		.74			.20	1.45		.30					.30		.
LITTLE FALLS WATER CD		4.60	.34	.08	1.23	T					T	T	.11						.41	.40			.04	.26		.28	.42		.25	.24	.54		.
LONG BRANCH		2.96	.72	.79	.06						.01	.07							.01				.19	T	.81	.30			T	T			.
LONG VALLEY		3.88		1.15	.45						.52	.16						.08	.02				.30			.36			.80	.02			.
MACOPIN INTAKE		4.67	.64	.36	1.02	T					.04	.02	.15					.27	.16				.04	.18		.30	.02		.99	.46	T		.
MANVILLE		2.96	.31	.49	.00							.25											.36			.61			.77	.08			.
MARLTON 1 W		5.16	.44	1.17	.84								.57				.02	.28	.01	.30			.09		.23	1.10			.13				.
MAYS LANDING		5.00	.68	.62	.95								1.06					.04	.90				.05		.20	.50							.
MIDLAND PARK		3.53	.37	*	1.45						.01	.11						.10					.21						.32	.06			.
MILLVILLE		4.78	.85	.69	.30								.63					.07	.59	.02		.02	.74			.35			.52				.
MILLVILLE CAA AIRPORT		4.51	.90	.89	T						T	.64				.50		.03	T	.01		.03	.95	.05		.42							.
MILTON		4.16	.97	.06	.65	.06						.12	.26						.23					.20	.02	.21	.27		.67	.40	.04		.
MOORESTOWN		4.83	.72	.20	1.30								.35					*	*	.57			.01	.01	*	.95				.45	.27		.
MORRIS PLAINS		2.63	.33	.52	.20						.02	.09	.21					.05	T	T			.38				.44		.37	.02			.
NEWARK WB AIRPORT	R	3.31	.19	1.01	.23	T	T				T	.12						.02		T			.26		.90	.08			.40	.01			.
NEW BRUNSWICK EXP STA		3.15	.40	.56	.10								.20					T	.27	.10			.31			1.12	T		.07				.
NEW MILFORD		3.52	.50	1.04	.14							.04						.02	.64				.22			.16			.22	.52			.
NEWTON		3.96	.70	.06	.70							.15	.66						.21				T	.30		.13	.05		.76	.24			.
OAK RIDGE RESERVOIR		3.95	.95	.06	.85							.03	.18						.26				.01	.20		.24	.26		.56	.35			.
ORANGE		2.95	.28	1.01	.17						.02	.25						.03					.27		.27	.07			.58				.
PATERSON		4.03	.12	.30	1.72	T						T	.07						.22				.01	.22	T	.35	.19		.20	.12	.42		.
PEMBERTON 3 E		2.94	.20	.79	.43								.02					.16		.07			.04			.74				.41			.
PHILLIPSBURG		6.86	.30	.67	.73						T	T	1.05					T	T	T			.48			1.70		1.75	T	T			.
PHILLIPSBURG BRIDGE		6.42	.60	.06	1.60							.61											1.50			2.75			1.30				.
PLAINFIELD		2.69	.34	.52	.05		T				T	.33	.03					T	.07				.30			.53			.45	.27			.
PLEASANTVILLE 1 N		4.50		.63	1.02						.01		.55						.02	.68				1.14	T	.45							.
PRINCETON WATER WORKS		2.79	.14	.95	T							.36			.02			.14	.09				.21		.20	.60			.04	.04			.
RAHWAY		4.45	.22	1.10	.20							.04							T				.28	.10	T	.89			1.42	.20			.
RIDGEFIELD		4.19	.11	1.25	.18						T							1.07					.31		.10	.12			.83	.13			.
RINGWOOD		3.16	.41	.10	1.26	.01						T	.20						.15	.01			.11	.10		.10			.66	.03			.
RUNYON		4.06	.42	.00	.10								.18						1.57				.43			.43			.03				.
SANDY HOOK LBSTA		3.50	.10	1.35	.26						T	.03	T										.20	T		.43			1.13				.
SDMERVILLE		3.96	.53	.43	.24								.24					T					.31			1.35			.62	.24			.
SPLIT RDCK PDND		4.28	.48	.09	.67						.10	.26						.49					.32	.26	.53				.55	.20	.13		.
SUSSEX 3 N		3.84	.57	.45	.13			T			T	.23						1.26	T				.28		T	.12			.78				.
SWEDESBORD 5 NW		3.00	.13	.39	.47							.02	.68					.28	T	.02			.08	.22		.53				.37			.
TOMS RIVER		3.91	.81	1.44	.14						T	.06											.07			.53			.56		.30		.
TRENTON 2		4.46	.18	1.88	.16							.41						.06	.47	T		T	.27	T	.41	.62				T			.
TRENTON WB CITY	R	5.01	.13	2.03	.04						T	.34						.07	1.20	T		T	.23		.68	.20			T	T			.
VINELANO		4.40	T	.71	1.51							.01	.63					.05	.07	.53			.07	.49		.33				T			.
WANAQUE RAYMOND DAM		3.20	.10	.07	1.15						T	T	.11						.46				T	.18		.15			.56	.40	T		.
WESTFIELD		3.70	*	*	.99		T			T	T	.15	.04					T					.37	.44		.66			.37	.46	T		.
WOODCLIFF LAKE		3.32	.22	1.02	.28							.04						.04	.02				.24			.12			1.34				.

See Reference Notes Following Station Index

MONTHLY AND SEASONAL SNOWFALL

Season of 1955 - 1956

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
ATLANTIC CITY WB					T	T	6.6	.6	10.2	.4			17.8
AUDUBON					2.0	2.0	9.5	-	12.0	-			-
BASS RIVER ST FOREST					.4	T	6.8	1.0	8.0				16.2
BELLEPLAIN						-	5.5	-	10.5	2.0			-
BELMAR						-	-	-	-	-			-
BELVIDERE						4.1	3.5	4.5	15.5	T			27.6
BERLIN 1 W					4.5	-	5.7	T	11.6	-			-
BOONTON					-	-	-	-	-	-			-
BRANCHVILLE					4.0	7.6	6.5	-	23.0	10.0			-
BRIDGETON 1 NE				-	-	-	-	-	-				-
BURLINGTON					T	-	-	T	-	-			-
CANISTEAR RESERVOIR					4.0	8.0	-	7.0	30.5	20.0			-
CANOE BROOK					3.5	3.7	2.4	3.9	25.5	-			-
CANTON					T	T	-	-	-	-			-
CAPE MAY 3 W					T	T	-	T	-	-			-
CEDAR GROVE					3.0	3.1	.5	5.0	23.0	5.0			39.6
CHARLOTTEBURG					3.2	6.1	2.0	6.9	29.5	13.5			61.2
CHATHAM				-		-	-	-	-	-			-
CHATSWORTH 5 S					1.0	T	-	-	15.8	-	-	-	-
CLAYTON					2.0	.5	10.0	.5	13.4	T			26.4
CLINTON					4.0	1.5	3.0	1.8	-	-			-
DEEPWATER					-	T	-	T	-	-			-
ELIZABETH					2.3	4.0	2.6	4.0	25.0	3.0			40.9
ELIZABETHPORT					-	.7	-	-	-	-			-
ESSEX FELLS SERV BLDG					3.0	5.1	1.0	6.0	-	-			-
FLEMINGTON 1 NE				T	8.0	6.9	9.0	6.6	30.5	7.0			68.0
FORTESCUE				-	-	-	-	-	-	-	-	-	-
FREEHOLD					3.0	1.5	5.8	2.5	14.8	4.0			31.6
GREENWOOD LAKE						7.6	1.9	6.2	26.3	-			-
HAMMONTON 2 NNE					-	-	-	-	-				-
HIGHTSTOWN 1 N				T	2.8	2.2	5.8	1.7	13.5	3.5			29.5
INDIAN MILLS 2 W					2.5	.9	8.0	1.3	15.0	T			27.7
IRVINGTON					-	-	1.0	-	-	3.5			-
JERSEY CITY					4.5	T	-	-	-	-			-
LAKEWOOD 2 ENE					2.4	1.8	7.2	2.0	14.4	1.8			29.6
LAMBERTVILLE					5.0	2.1	8.0	1.0	22.0	1.0			39.1
LAYTON 3 NW					3.0	7.7	-	7.1	23.7	7.3			-
LEESBURG STATE FARM					T	-	-	T	11.0	.5	T		-
LITTLE FALLS WATER CO					3.2	4.7	1.2	4.5	22.6	5.2			41.4
LONG BRANCH					1.2	2.0	6.0	2.2	16.3	3.5			31.2
LONG VALLEY					3.0	5.0	3.0	7.5	26.5	9.0			54.0
MACOPIN INTAKE					3.0	5.5	2.0	7.5	27.0	9.0			54.0
MANVILLE						-		-	-	2.0			-
MARLTON 1 W					3.0	2.3	6.6	1.0	-	1.5			-
MAYS LANDING					T	T	7.0	1.0	15.0	1.0			24.0
MIDLAND PARK					3.0	4.3	-	3.6	28.8	5.0			-
MILLVILLE					T	T	-	-	-	-			-
MILLVILLE CAA AIRPORT					T	T	8.4	T	11.2	.9			20.5
MILTON							-	-	-	-			-
MOORESTOWN					2.0	2.0	4.5	1.1	11.5	.5			21.6
MORRIS PLAINS					4.2	5.4	2.6	5.8	30.7	9.0			57.7
NEWARK WB AIRPORT					2.2	3.8	2.4	2.4	26.0	3.4	T		40.2
NEW BRUNSWICK EXP STA				T	2.8	1.3	2.5	1.5	18.9	1.8			28.8
NEW MILFORD					-	-	-	-	-	-			-
NEWTON					2.0	6.0	6.0	7.0	24.0	-			-
OAK RIDGE RESERVOIR					4.0	5.8	1.8	6.5	32.3	12.0			62.4
ORANGE						-	-	-	-	-			-
PATERSON					3.0	4.1	.5	3.0	29.1	3.5			43.2
PEMBERTON 3 E					1.5	.2	8.0	1.5	12.4	1.5			25.1
PHILLIPSBURG				T	2.3	3.5	-	6.7	15.5	2.0			-
PHILLIPSBURG BRIDGE						-	-	-	-	-			-
PLAINFIELD				T	2.8	3.5	2.5	3.8	22.5	4.0			39.1
PLEASANTVILLE 1 N					T	-	-	2.7	10.5	1.0			-
PRINCETON WATER WORKS					-	-	-	-	-	-			-
RAHWAY					T	2.7	2.5	1.7	16.7	3.4			27.0
RIDGEFIELD					3.0	3.7	.8	6.0	24.2	5.0			42.7
RINGWOOD						6.0	2.1	5.7	23.1	-			-
RUNYON					-	2.3	-	-	23.0	3.0			-
SANDY HOOK					T	2.6	2.8	1.7	11.5	2.5			21.1
SOMERVILLE				T	3.1	4.5	3.6	3.1	23.7	5.0			43.0
SPLIT ROCK POND						-	-	-	-	-			-
SUSSEX 3 N	T			T	2.5	9.6	-	-	-	12.0			-
SWEDESBORO 5 NW					2.0	-	6.5	-	-	T			-
TOMS RIVER						.6	8.3	2.0	16.5	-			-
TRENTON 2					3.8	2.9	10.0	.3	22.2	5.1			44.3
TRENTON WB CITY					4.0	1.9	7.9	2.0	18.8	4.2			38.8
TUCKERTON	-	-	-	-	1.5	T	-	-	-	-	-	-	-
VINELAND					1.0	1.5	8.3	-	-	-			-
WANAQUE RAYMOND DAM						3.8	.7	.6	24.9	5.0			35.0
WESTFIELD					3.5	3.2	1.8	-	23.0	5.5			-
WOODCLIFF LAKE						-	-	-	-	-			-
WOODSTOWN 2 NW					-	-	4.0	-	-	-	-	-	-

BEGINNING WITH JANUARY 1, 1956, HAIL WAS EXCLUDED FROM THE SNOWFALL TABLES.

See Reference Notes Following Station Index

Table 5

DAILY TEMPERATURES

NEW JERSEY
JUNE 1956

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	71	63	64	63	68	66	67	73	62	64	73	78	95	89	84	81	82	70	65	67	70	85	79	77	87	77	78	83	78	74		74.4
	MIN	59	57	58	56	58	57	56	36	57	56	61	61	69	70	74	72	70	59	59	58	63	65	71	68	69	68	70	69	61	65		63.1
AUDUBON	MAX	85	65	74	75	79	80	84	88	68	74	83	88	95	96	94	89	88	73	75	73	76	90	92	90	86	87	91	83	79	85		82.8
	MIN	63	57	62	59	53	57	53	56	57	57	59	56	68	70	68	67	69	60	50	48	59	66	70	69	66	64	69	64	59	58		61.0
BELLEPLAIN	MAX	89	66	72	75	77	78	78	85	80	72	80	85	93	96	95	86	90	73	68	72	72	88	91	93	86	84	90	85	78	83		82.0
	MIN	64	60	61	51	48	52	49	49	58	57	57	53	65	68	66	70	70	62	47	42	53	64	71	68	66	61	67	62	56	57		59.1
BELVIDERE	MAX	83	69	76	75	79	82	88	92	76	75	83	91	94	98	97	95	86	82	79	76	72	92	86	92	87	86	88	83	79	89		84.3
	MIN	64	53	54	53	50	51	52	52	57	59	56	52	64	63	65	68	67	62	46	46	60	67	64	66	65	56	67	56	52	52		58.0
BOONTON	MAX	85	80	63	75	72	75	79	83	89	65	69	80	86	89	95	94	92	85	77	74	73	72	90	85	88	83	82	82	80	75		80.6
	MIN	62	43	55	42	49	51	50	43	53	53	54	52	61	73	63	68	64	63	43	42	50	60	60	65	66	52	61	57	51	56		55.4
BRIDGETON 1 NE	MAX	91	84	65	73	73	77	80	83	86	68	71	82		94	95	88	88	88	69	73	75	73		91	87	84	86		82			81.0
	MIN	67	62	59	53	49	53	51	52	58	57	60	56		65	67	69	69	67	48	45	46	61		69	66	65	69		56			59.2
BURLINGTON	MAX	81	70	76	76	76	79	84	89	86	72	83	91	94	98	96	94	89	80	75	77	74	93	93	90	90	89	94	85	80	87		84.7
	MIN	64	58	54	56	56	60	56	57	50	57	57	56	66	69	69	70	67	66	53	48	59	66	71	68	68	65	70	65	58	57		61.2
CANOE BROOK	MAX	92	88	63	76	74	79	78	84	88	66	71	84	88	90	97	94	91		76	71	71	73	91	87	88	84	89	90	86	76		82.2
	MIN	61	58	56	55	47	49	48	49	54	54	54	48	68	62	62	64		63	46	41	57	62	60	64	67	52	62	56	49	49		55.8
CAPE MAY 3 W	MAX	74	69	68	71	74	73	76	74	64	66	74	82	89	90	91	86	89	86	68	69	71	85	84	82	86	84	83	82	81	79		78.3
	MIN	62	59	57	54	52	56	56	54	59	57	59	58	65	66	67	69	68	62	55	42	51	53	59	57	69	64	68	71	65	60		59.8
CHARLOTTEBURG	MAX	86	80	61	73	71	75	77	82	87	62	65	87	88	88	94	92	90	82	75	73	69	70	88	84	87	82	80	83	79	72		79.4
	MIN	60	50	53	50	43	47	43	45	53	53	53	43	50	59	64	63	61	60	35	37	43	59	59	62	67	48	52	54	47	43		51.9
CHATSWORTH 5 S	MAX																																
	MIN																																
CLAYTON	MAX	88	67	74	74	77	80	83	88	81	71	83	88	94	96	98	89	89	73	73	78	72	89	91	88	87	89	91	86	78	84		83.3
	MIN	65	57	59	53	51	54	50	54	56	56	59	55	66	67	66	66	67	62	48	45	59	63	67	66	64	61	69	62	54	57		59.3
ELIZABETH	MAX	87	73	74	75	81	79	85	88	77	71	82	90	93	99	96	91	87	79	72	72	71	89	84	88	87	86	91	83	77	85		83.1
	MIN	64	55	60	55	51	56	52	54	55	57	56	55	68	68	67	70	69	66	49	46	60	62	65	65	67	58	66	61	53	55		59.5
ESSEX FELLS SERV BLDG	MAX	90	85	65	76	78	79	76	75	82	78	76	80	90	93	97	96	95	84	75	73	72	74	89	90	88	89	90	85	88	79		82.9
	MIN	62	60	55	52	49	49	54	55	56	58	53	50	60	60	64	68	67	63	55	53	60	55	65	69	60	54	62	57	54	55		57.8
FLEMINGTON 1 NE	MAX	87	67	73	74	78	81	84	89	87	75	81	88	91	96	94	92	90	83	75	74	73	91	90	90	88	87	88	82	78	88		83.8
	MIN	61	54	57	49	47	48	49	50	54	56	51	50	65	61	63	65	66	61	44	40	59	57	64	65	66	53	63	59	49	48		55.8
FREEHOLD	MAX	88	71	76	73	79	75	81	79	79	73	81	88	91	97	94	91	88	75	71	76	72	90	88	86	85	83	90	83	77	87		82.2
	MIN	63	58	60	55	52	56	50	55	53	55	60	54	68	67	67	68	70	64	47	47	59	64	67	65	64	59	65	62	53	55		59.4
HAMMONTON 2 NNE	MAX	93	89	71	78	81	82	82	83	91	76	74	90	92	100	98	97	89	90	75	73	75	80	95	92	90	89	90	95	94	80		86.1
	MIN	68	67	65	55	54	55	49	53	57	56	62	56	65	69	68	68	70	65	45	44	58	63	68	68	66	61	68	65	55	60		60.8
HIGHTSTOWN 1 N	MAX	84	67	75	74	78	75	82	89	80	73	82	89	92	97	93	91	86	76	75	76	72	90	87	87	85	85	89	82	77	85		82.4
	MIN	63	56	61	54	51	55	50	53	54	56	56	52	68	65	66	67	68	64	47	44	60	65	66	65	66	58	67	61	53	53		58.8
INDIAN MILLS 2 W	MAX	87	65	75	75	79	83	85	90	73	73	82	89	95	99	97	89	90	73	73	73	71	90	90	88	87	87	92	83	79	85		83.2
	MIN	64	58	61	50	48	50	45	49	56	56	56	49	67	63	62	66	68	59	43	40	59	64	67	67	62	57	67	59	50	52		57.1
JERSEY CITY	MAX	78	65	67	68	76	72	76	82	64	63	80	88	92	97	95	90	83	71	67	64	70	88	80	82	85	78	82	81	77	77		77.9
	MIN	65	58	60	57	58	58	56	62	54	57	58	60	70	71	73	73	70	61	52	55	60	66	69	65	70	62	69	65	58	60		62.4
LAKEWOOD 2 ENE	MAX	89	62	72	72	78	73	78	82	63	70	81	90	94	95	95	94	81	69	68	68	70	91	81	86	86	79	91	82	77	87		80.1
	MIN	62	57	55	51	48	50	46	49	55	55	56	50	70	66	63	69	67	47	42	39	60	64	65	67	62	57	66	59	53	49		56.6
LAMBERTVILLE	MAX	81	66	73	73	78	79	83	88	86	75	81	88	94	95	93	91	87	82	76	74	74	90	91	89	87	85	88	86	79	86		83.3
	MIN	63	56	59	51	50	54	50	53	57	57	55	51	66	64	65	68	68	64	47	45	60	63	67	67	64	57	68	58	51	52		58.3
LAYTON 3 NW	MAX	78	68	74	78	77	80	85	91	85	75	88	90	93	94	95	90	90	84	75	75	74	90	89	87	84	83	83	86	81	80		83.4
	MIN	55	49	53	57	50	42	44	48	50	55	52	56	66	55	56	59	62	55	35	38	58	60	55	65	55	45	57	65	42	43		52.7
LEESBURG STATE FARM	MAX	87	87	67	71	73	75	79	81	81	65	69	82	85	94	91	94	85	89	70	68	69	78	90	90	88	86	84	90	83	78		81.0
	MIN	61	60	60	51	49	52	49	48	58	56	52	53	60	62	66	69	68	66	50	53	52	63	70	68	68	61	69	62	55	57		58.9
LITTLE FALLS WATER CO	MAX	91	85	68	77	76	80	80	86	90	68	71	82	90	93	99	97	94	86	77	75	72	76	93	88	92	86	86	86	83	77		83.5
	MIN	63	57	54	54	50	52	52	52	53	52	56	52	70	66	64	66	65	62	48	46	58	62	62	65	68	55	63	58	52	52		57.6
LONG BRANCH	MAX	80	62	69	68	75	71	75	80	62	65	80	89	92	93	93	90	79	70	69	70	71	92	78	87	87	79	89	85	78	83		78.7
	MIN	63	58	57	53	52	54	51	54	53	54	59	55	71	72	68	70	68	54	48	46	62	65	65	65	68	62	68	62	56	56		59.6
LONG VALLEY	MAX	79	71	72	75	76	77	86	89	66	70	80	86	89	95	91	90	86	81	74	71	69	89	85	86	83	84	83	80	76	84		80.8
	MIN	62	52	57	47	48	52	46	48	54	56	50	46	62	60	62	64	65	61	41	39	62	63	59	64	66	51	62	52	46	47		54.8
MILLVILLE CAA AIRPORT	MAX	84	67	74	73	78	80	82	86	68	71	83	87	93	97	96	92	88	73	74	71	74	90	92	88	87	85	92	84	78	84		82.4
	MIN	62	62	57	52	51	54	50	52	59	57	60	56	67	67	68	69	70	55	47	43	63	63	70	69	67	66	70	64	57	58		60.2
MOORESTOWN	MAX	83	64	73	74	77	78	82	88	63	72	81	86	95	95	94	90	87	71	73	72	73	89	90	89	85	85	90	82	77	83		81.4
	MIN	63	57	63	54	52	56	51	54	57	57	58	54	69	68	65	67	71	57	48	45	59	66	69	68	66	61	68	65	54	56		59.9
MORRIS PLAINS	MAX	87	77	72	74	76	78	84	89	89	65	81	88	92	96	95	94	91	85	74	72	71	90	90	88	84	84	84	81	81	83		83.2
	MIN	62	55	54	49	48	53	48	48	52	55	52	50	68	73	62	68	65	62	42	39	58	63	59	64	68	55	60	55	50	47		56.1
NEWARK WB AIRPORT	MAX	87	65	72	74	80	76	80	85	65	69	82	91	94	99	96	93	85	75	70	68	73	91	83	89	86	85	89	85	78	82		81.6
	MIN	64	56	59	57	55	60	56	59	53	57	58	59	70	74	73	74	71	59	55	52	60	68	66	67	69	63	68	64	59	59		62.1
NEW BRUNSWICK EXP STA	MAX	88	70	74	74	78	77	82	87	84	73	80	88	90	95	94	90	90	75	70	72	71	90	88	86	85	83	88	81	78	84		82.2
	MIN	63	55	59	53	51	57	51	54	54	55	56	54	67	69	67	69	69	65	49	46	59	65	67	64	67	58	65	62	54	53		59.2
NEWTON	MAX	88	80	64	74	73	76	78	86	89	62	68	78	90	91	94	94	91	83	74	74	71	71	89	88	88	83	84	84	82	74		80.7
	MIN	62	51	48	49	45	51	46	48	56	56	51	47	64	61	60	63	62	58	38	40	55	60	60	65	65	49	60	57	50	45		54.1
PATERSON	MAX	92	88	64	75	75	80	79	85	88	66	69	80	92	95	99	96	93	85	76	70	71	74	91	89	90	88	86	87	85	78		82.9
	MIN	65	58	55	56	54	57	55	57	53	56	56	56	66	72	70	73	67	64	52	49	60	63	61	65	70	59	65	65	56	53		60.3
PEMBERTON 3 E	MAX	85	71	76	74	79	81	84	90	82	74	83	88	93	97	96	94	89	75	74	74	73	91	93	88	87	86	92	83	82	83		84.0
	MIN	64	58	61	52	47	51	46	49	53	55	55	49	63	64	63	66	67	64	42	39	59	64	65	67	64	57	66	58	51	51		57.0
PHILLIPSBURG	MAX	89	71	74	74	80	79	83	90	89	73	81	90	92	95	95	93	94	90	85	75	69	93	91	90	89	84	85	85	83	85		84.9
	MIN	65	48	48	51	49	51	52	53	56	58	56	52	67	62	66	68	69	63	48	46	61	63	63	65	66	56	67	58	53	52		57.7
PLAINFIELD	MAX	85	64	76	73	79	77	83	89	74	71	82	88	90	97	94	91	85	77	72	74	71	90	84	85	85	85	88	83	76	85		81.8
	MIN	63	58	56	53	50	56	51	53	55	57	54	53	67	67	66	69	69	62	49	45	59	65	65	65	68	57	65	59	52	53		58.7
PLEASANTVILLE 1 N	MAX	87	75	66	69	74	73	74	76	81	62	69	75	88	96	94	90	87	81	69	69	68	70	90		84	87	81	86	84	89		79.1
	MIN	62	62	60	53	48	54	50	49	58	56	58	54	63	70	70	73	67	60	50	50	50	65	68		67	61	70		57	57		59.4
RIDGEFIELD	MAX	86	63	75	76	78	81	85	90	67	68	78	90	93	99	94	91	83	77	74	74	70	90	89	86	86	85	89	85	77	86		82.2
	MIN	64	56	61	55	53	55	53	56	53	57	59	54	69	68	67	70	68	64	51	48	59	67	64	65	70	57	67	61	55	54		60.0

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RUNYON	MAX	95	75	78	79	81	79	84	89	70	89	93	97	96	100	97	90	90	76	75	75	80	93	90	90	89	88	91	89	91	97		86.9
	MIN	70	56	60	54	51	52	48	51	55	56	58	49	61	62	62	70	72	62	44	40	60	60	62	66	66	63	64	46	48	43		57.0
SANDY HOOK LBSTA	MAX	78	66	70	6[illegible]	74	71	75	82	68	66	78	85	90	93	95	86	80	73	68	66	70	91	80	86	83	78	87	78	76	80		78.0
	MIN	61	56	57	57	58	61	63	64	53	56	58	60	69	77	75	72	70	61	59	62	61	60	68	66	70	65	65	73	61	61		63.3
SOMERVILLE	MAX	84	68	74	75	78	79	83	89	80	75	82	89	91	96	95	92	88	80	75	76	73	91	88	89	87	84	87	83	79	85		83.2
	MIN	63	56	60	53	48	53	50	52	56	57	51	51	62	64	65	68	74	65	45	42	60	63	64	64	70	55	66	57	50	51		57.8
SUSSEX 3 N	MAX	82	66	74	72	75	79	84	89	77	70	79	89	94	95	96	95	82	75	75	71	73	89	84	88	80	83	83	80	78	84		81.4
	MIN	62	51	52	51	47	46	48	51	55	53	53	49	66	63	61	64	64	55	42	45	58	65	60	64	64	50	63	58	48	54		55.4
TRENTON 2	MAX	84	65	75	75	80	79	85	90	72	75	83	89	92	96	95	92	88	77	75	75	73	91	92	88	85	86	90	83	78	86		83.1
	MIN	63	57	61	54	54	58	52	57	56	57	59	58	69	70	69	70	71	62	50	48	60	65	70	67	66	61	69	64	55	56		60.9
TRENTON WB CITY	MAX	82	63	73	72	77	77	82	89	64	73	81	88	92	96	95	91	88	73	74	72	72	90	91	88	86	86	89	82	76	83		81.5
	MIN	63	56	61	56	57	59	56	60	55	56	60	59	70	72	71	69	70	56	52	51	60	67	68	68	69	65	70	63	58	58		61.8

EVAPORATION AND WIND

Table 6

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg
CANOE BROOK	EVAP	.21	.13	.02	.12	.08	.15	.16	.17	.21	.04	.01	.13	.28	.16	.20	.19	*	.23	.21	.14	.12	.08	.03	-	.40	-	-	-	.27	.01		B4.33
	WIND	18	18	19	5	17	8	23	11	12	9	4	10	18	11	3	4	*	14	16	13	13	3	4	3	3	33	17	5	0	9		323
PLEASANTVILLE 1 N	EVAP	-	-	-	.17	.27	.02	.36	.21	.21	.04	.11	.22	.26	.04	.46	-	-	.16	.24	.24	.05	.07	.23	.21	.21	.20	.22	.15	.37	.12		B5.81
	WIND	50	23	16	33	48	7	14	15	22	6	36	21	32	26	21	6	11	15	21	11	49	18	20	20	7	27	20	54	10	32		691
RUNYON	EVAP	.00	.00	.00	.15	.13	.20	.21	.12	.12	.21	.00	.18	.21	.23	.23	.21	.18	.00	.19	.00	.19	.22	.21	.00	.21	.19	.06	.19	.21	.22		4.27
	WIND	6	8	7	7	7	8	0	0	1	3	3	4	3	4	3	6	5	4	5	4	2	2	5	1	1	3	3	4	3	6		118
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-

MAX and MIN in Table 6 refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed: Fastest mile	Wind speed: Direction of fastest mile	Wind speed: Date of fastest mile	Relative humidity averages percent: 1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Number of days with precipitation: Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB CITY	-	-	13.0	34	E	9	-	-	-	-	4	4	4	2	1	0	15	66	5.8
LONG BRANCB	S	12	12.3	35	SE	9	-	75	60	63	3	4	2	3	0	0	12	67	5.5
NEWARK WB AIRPORT	SSW	15	8.1	29*	NW	27	76	70	52	61	4	3	5	1	1	0	14	-	5.6
TRENTON WB CITY	-	-	7.6	23	N	28+	-	-	-	-	5	2	4	1	1	1	14	64	5.4

* This datum is obtained by visual observation since recording equipment is not available. It is not necessarily the fastest mile occurring during the period.

See Reference Notes Following Station Index

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1955 - 1956

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
ATLANTIC CITY WB	0	0	25	157	563	992	978	741	768	533	284	37	5078	4741
AUDUBON	0	0	39	203	602	1063	1004	781	792	451	173	12	5120	
BELLEPLAIN	0	0	55	244	630	1100	1066		758	494	196	24		
BELVIDERE	0	0	79	253	711	1179	1098	891	861	508	199	11	5790	
BOONTON	0	1	115	305	708	1175	1075	932	956	590	296	47	6200	
BRIDGETON 1 NE	0	0								482	219	32		
BURLINGTON	0	0	30	189	613	1139	1012	807	832	426	166	4	5218	
CANOE BROOK	0	2	89	278		1182	1066	920	938	612	272	39		
CAPE MAY 3 W	0	0	10	101	479	952	964	734	716	461	215	30	4662	
CHARLOTTEBURG	2	14	178	374	775	1241	1125	987	1022	648	365	80	6811	
CHATSWORTH 5 S	0	2	47	235	612	1089			781					
CLAYTON	0	0	35	187	598	1077	1022	777	777	460	168	13	5114	
ELIZABETH	0	0	53	202	606	1074	990	814	884	519	206	12	5360	
ESSEX FELLS SERV BLDG	0	3	113	308	730	1192	1106	930	908	588	271	10	6159	
FLEMINGTON 1 NE	0	0	81	255	701	1165	1059	883	921	546	247	23	5881	
FREEHOLD	0	0	63	207	649	1114	1050	822	853	522	198	11	5489	
HAMMONTON 2 NNE	0	0	32	250		1065	1022	778	782	471	223	11		
HIGHTSTOWN 1 N	0	3	81	228	661	1060	1036	826	857	514	220	13	5499	
INDIAN MILLS 2 W	0	3	85	251	645	1120	1056	828	837	524	209	21	5579	
JERSEY CITY	0	0	58	221	660	1110	1032	857	876	542	268	27	5651	
LAKEWOOD 2 ENE	0	6	101	282	676	1136	1055	847	877	574	273	53	5880	
LAMBERTVILLE	0	0	68	236	661	1120	1029	844	865	511	201	16	5551	
LAYTON 3 NW	0	9	175	369	811	1291	1200	991	1028	630	325	37	6866	
LEESBURG STATE FARM	0	0	53	247	638	1069	1044	759	791	514	233	32	5380	
LITTLE FALLS WATER CO	0	0	73	238	644	1113	1024	856	879	523	237	18	5605	
LONG BRANCH	0	0	53	228	653	1109	1037	832	859	564	262	44	5641	
LONG VALLEY	0	6	105	299	733	1191	1103	933	960	587	292	38	6247	
MILLVILLE CAA AIRPORT	0	0	42	239	634	1088	1049	791	803	485	214	17	5362	
MOORESTOWN	0	0	66	230	637	1107	1034	812	844	490	208	21	5449	
MORRIS PLAINS	0	1	102	273	699	1155	1058	889	910	548	259	29	5923	
NEWARK WB AIRPORT	0	0	45	204	639	1101	1013	833	864	516	218	19	5452	5252
NEW BRUNSWICK EXP STA	0	2	67	203	641	1099	1022	812	843	512	211	15	5427	
NEWTON	1	6	139	361	768	1254	1169	986	1005	618	308	59	6674	
PATERSON	0	0	59	224	636	1105	998	852	881	513	197	17	5482	
PEMBERTON 3 E	0	0	61	223	618	1128	1038	817	814	502	218	19	5438	
PHILLIPSBURG	0	0	64	226	639	1098	1022	807	831	504	190	15	5396	
PLAINFIELD	0	1	64	229	663	1111	1015	848	877	530	211	17	5566	
PLEASANTVILLE 1 N	0	0	53	271	627	1102	1070	825	837	563	274	43	5665	
RIDGEFIELD	0	0	67	227	685	1123	1022	849	883	507	218	18	5599	
RUNYON	0	1	86	256	680	1170	1014	850	898	524	203	14	5696	
SANDY HOOK	0	0	14	147	568	1015	986	809	829	545	276	18	5205	
SOMERVILLE	0	0	71	242	692	1140	1024	872	882	528	215	17	5683	
SUSSEX 3 N	0	2	116	286	750	1254	1142	953	1003	581	291	35	6413	
TRENTON 2	0	1	50	215	653	1111	1035	832	849	488	197	10	5441	
TRENTON WB CITY	0	0	52	207	634	1095	1014	806	832	476	209	16	5341	5068
TUCKERTON					636	1079								
WOODSTOWN 2 NW	0	0	34	254	642	1124	1027							

DEGREE DAY NORMALS IN THIS TABLE ARE DERIVED FROM THE PERIOD 1921-1950.

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

TABLE 2

NEW JERSEY
DELAYED DATA

Station	Temperature													Precipitation									
										No of Days								Snow, Sleet			No. of Days		
										Max		Min.											
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	1.0 or More	50 or More	1.00 or More
SEPTEMBER 1955																							
BRIDGETON 1 NE	76.9	56.3	66.6	- 1.8	85	7	45	27	44	0	0	0	0	2.72	- .78	1.23	20				5	2	1
OCTOBER 1955																							
BRIDGETON 1 NE	67.3	47.3	57.3	.3	82	7	33	23	231	0	0	0	0	4.75	1.38	2.24	15				7	2	2
NOVEMBER 1955																							
BRIDGETON 1 NE	52.2	33.7	43.0	- 2.8	75	13	15	29	655	0	0	15	0	1.74	- 1.08	1.06	11				3	1	1
DECEMBER 1955																							
BRIDGETON 1 NE	37.4	21.3	29.4	- 6.6	61	4	9	21+	1096	0	0	27	0	.31	- 3.15	.29	10				1	0	0
JANUARY 1956																							
BRIDGETON 1 NE	38.0	23.3	30.7	- 3.0	57	30	11	28	1056	0	0	27	0	2.01	- 1.51	.44	20				6	0	0
FEBRUARY 1956																							
BRIDGETON 1 NE	46.1	28.6	37.4	3.4	61	25	18	22+	798	0	0	23	0	3.65	.17	.93	18				8	2	0
MARCH 1956																							
BRIDGETON 1 NE	47.4	30.4	38.9	- 3.6	65	5	16	20	803	0	0	18	0	4.35	.29	.75	15				9	4	0

See Reference Notes Following Station Index

Table 5

DAILY TEMPERATURES

NEW JERSEY
DELAYED DATA

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
SEPTEMBER 1955																																	
BRIDGETON 1 NE	MAX	83	77	76	80	82	83	85	73	74	79	79	75	72	78	83	83	80	82	75	84	72	66	72	73	73	68	71	79	73	77		76.9
	MIN	65	66	65	64	61	65	68	50	49	53	61	59	47	46	50	59	59	61	64	65	53	47	50	59	57	46	45	47	54	54		56.3
OCTOBER 1955																																	
BRIDGETON 1 NE	MAX	69	67	73	71	74	75	82	80	89	73	78	80	77	70	68	58	60	63	62	63	69	55	61	70	50	63	60	70	70	67	60	67.3
	MIN	56	50	47	47	49	53	62	56	46	47	49	49	51	53	63	51	40	40	45	43	49	40	33	54	39	39	37	39	44	57	39	47.3
NOVEMBER 1955																																	
BRIDGETON 1 NE	MAX	57	68	66	47	51	53	51	51	49	50	53	67	75	72	56	70	44	47	34	36	51	49	64	46	40	42	50	57	29	40		52.2
	MIN	39	37	39	39	36	32	36	31	28	30	41	41	45	53	37	38	37	32	32	30	28	30	31	40	28	28	28	35	15	16		33.7
DECEMBER 1955																																	
BRIDGETON 1 NE	MAX	38	39	54	61	46	38	35	42	38	30	33	36	36	39	42	30	38	39	36	25	22	30	35	45	57	34	30	30	34	32	34	37.4
	MIN	23	22	33	38	42	29	20	22	26	23	21	20	19	18	20	14	16	22	25	15	9	9	16	24	34	27	12	11	13	21	15	21.3
JANUARY 1956																																	
BRIDGETON 1 NE	MAX	39	39	43	45	44	45	35	29	45	48	42	42	40	36	41	41	33	37	32	32	30	40	35	28	30	28	30	35	40	57	37	38.0
	MIN	17	15	22	30	30	27	24	17	18	29	39	39	34	27	28	26	26	23	19	21	17	19	26	15	13	16	14	11	16	35	29	23.3
FEBRUARY 1956																																	
BRIDGETON 1 NE	MAX	39	43	40	36	48	43	48	52	47	55	45	46	46	51	57	42	44	54	48	46	38	32	34	50	61	51	57	48	36			46.1
	MIN	22	22	35	30	32	27	29	29	32	30	32	39	30	26	29	28	28	31	31	34	27	18	20	18	20	35	36	38	23			28.6
MARCH 1956																																	
BRIDGETON 1 NE	MAX	48	55	60	49	65	54	61	62	48	60	60	37	40	47	40	40	34	31	30	38	44	52	53	44	37	54	52	40	39	49	47	47.4
	MIN	22	25	36	38	33	39	40	40	30	33	40	36	32	32	33	32	23	24	24	16	20	25	31	37	22	25	30	30	30	33	33	30.4

CORRECTIONS

MONTH: DECEMBER 1955

Table 2:
Woodstown 2 NW

Total precipitation should be, 0.18; greatest day, .16 on 10th; number of days with .10 or more 1; number of days with .50 or more 0; number of days with 1.00 or more 0.

Table 3:
Woodstown 2 NW

Precipitation on the 10th should be .16; monthly total, .18.

See reference notes following Station Index.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MID	BERGEN COUNTY ENGS	C
#ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	30 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0526	BURLINGTON	1	39 37	74 26	20		6P	N.Y. FORESTRY SVC	3
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	40	5P	5P	MRS. ED C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	280	5P	5P	MISS C. S. HIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 46	74 57	150		7A	SAMUEL H. MC CULLEY	3
BOONTON	0907	MORRIS	8	40 54	74 24	280	6A	8A	JERSEY CITY WRT WKS	2 3 5
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A	ALBERT M. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	6	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	0A	0A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	30 28	75 25	10		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	36 56	74 57	17	5P	5P	N.WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1596	BURLINGTON	1	39 44	74 32	00	5P	5P	WILLIAM S. HAINES	2 3 5 7
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1740	HUNTERDON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2200	SALEM	2	30 41	75 30	12		MID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2760	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		5P	F. A. RODENBAUGH	INAC 10/55
FREEHOLD	3161	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. NOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS	3416	WARREN	2	40 53	74 55	560		MID	EDWARD KOWALICK	C
GREENWOOD LAKE	3516	PASSAIC	8	41 00	74 20	660		7A	WATER SUPPLY COMM	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 30	74 48	85	6A	8A	W. HUBBARD PARKHURST	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4330	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	MID	MID	GEORGE G. WADOILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. N. DEPUE	2 3 5
LEESBURG STATE FARM	4762	CUMBERLAND	6	30 14	74 58	10	8A	8A	LEESBURG STATE FARM	2 3 5
LITTLE FALLS WATER CO	4887	PASSAIC	8	40 53	74 14	157	9A	9A	PASSAIC VLY WTR CO	2 3 5 C
LONG BRANCH	4967	MONMOUTH	1	40 18	73 59	34	MID	MID	STORM WARN. DSPL STA	2 3 5 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	1020		9A	NEWARK WATER DEPT	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P	DAVID GRISCON	3
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P	ELMER EARLE	3
NIDLAND PARK	5503	BERGEN	8	40 59	74 09	210		MID	CORNELIUS HOWARD	3
NILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60		MID	L. J. GALLAHER	3 C
MILLVILLE CAA AIRPORT	5581	CUMBERLAND	6	39 22	75 04	68	MID	MID	CIVIL AERO. ADM.	2 3 5 7
MILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5726	BURLINGTON	2	39 58	74 58	55	MID	8A	M. J. WILLARD	2 3 5 7
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTHUR H. AHLQUIST	2 3 5 7
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 00	100	6A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	30 58	74 38	60	5P	5P	CHARLES A. DOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	106		9A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 10	74 40	00		MID	PRINCETON WATER CO	3
RAHWAY	7303	UNION	9	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8104	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. HAVER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	6P	6P	BRICE B. STANTON	2 3 5 7
SWEDESBORO 5 NW	8685	GLOUCESTER	2	30 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MID	H. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID	E. M. RISTOW	2 3 5
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8890	OCEAN	1	39 35	74 22	45	8A	8A	VERNON W. MOTT	INAC 1/56
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 02	74 18	320		8A	WATER SUPPLY COMM	3 C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MID	BONNIE BURN SAN.	C
WESTFIELD	9455	UNION	0	40 30	74 21	135		5P	TOWN ENGINEER	3 C
WOODCLIFF LAKE	0832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	0010	SALEM	2	30 40	75 20	16	6P	8A	WOODROW W. WALTER	INAC 2/56

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

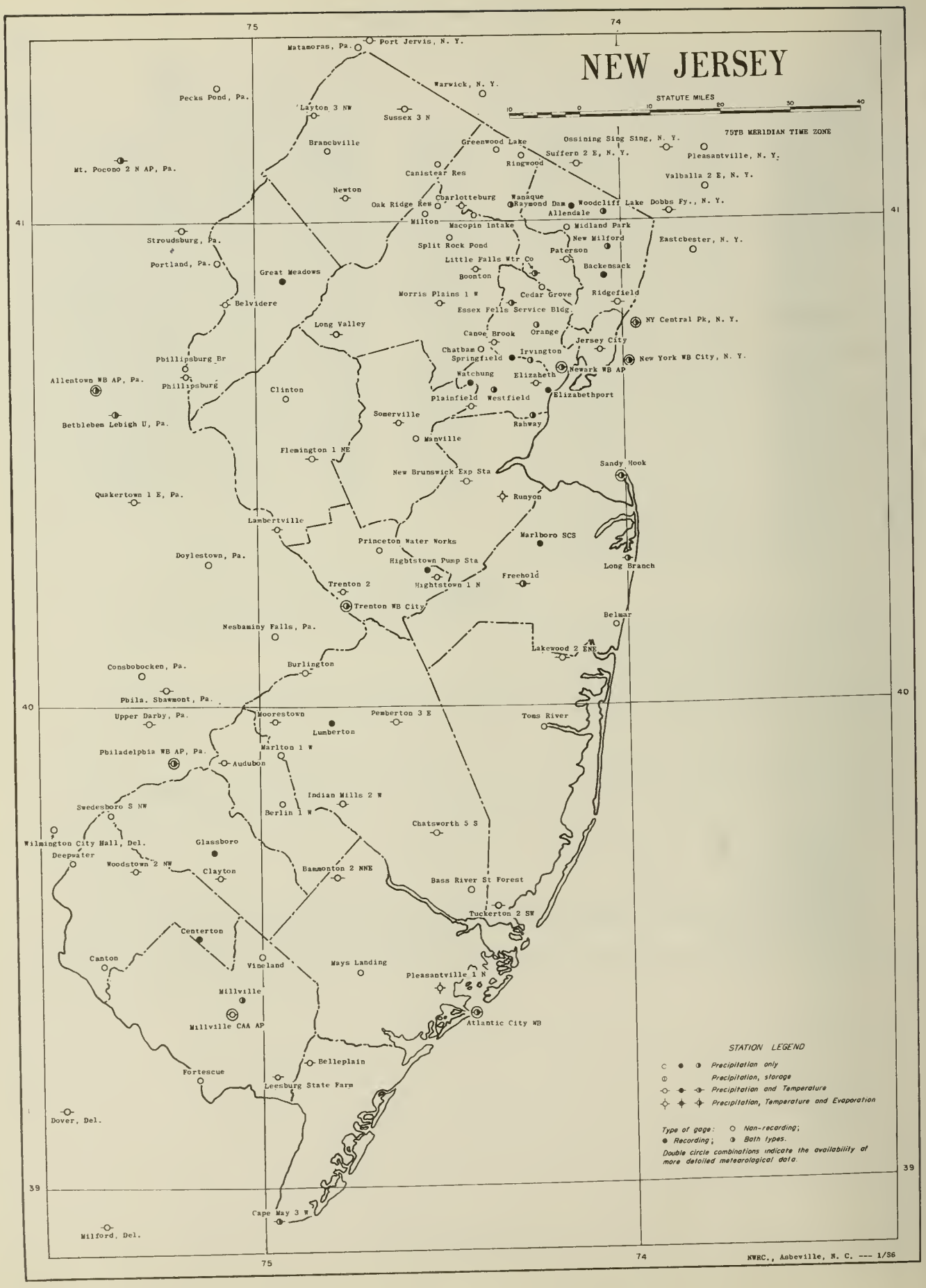
Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Long-term means for full-time Weather Bureau stations (those shown in the Station Index as United States Weather Bureau Stations) are based on the period 1921-1950, adjusted to represent observations taken at the present location.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+ And also on a later date or dates.
* Amount included in following measurement, time distribution unknown.
# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
AM Data based on observational day ending before noon.
B Adjusted to a full month.
C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in Hourly Precipitation Data.
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
T Trace, an amount too small to measure.
V Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWBC., Asheville, N. C. --- 8/7/56 --- 775


NEW JERSEY
STATUTE MILES
10 0 10 20 30 40
75TH MERIDIAN TIME ZONE
75
74
41
40
39
Matamoras, Pa.
Port Jervis, N. Y.
Warwick, N. Y.
Pecks Pond, Pa.
Layton 3 NW
Sussex 3 N
Branchville
Greenwood Lake
Ossining Sing Sing, N. Y.
Pleasantville, N. Y.
Suffern 2 E, N. Y.
Ringwood
Mt. Pocono 2 N AP, Pa.
Canistear Res
Valhalla 2 E, N. Y.
Newton
Oak Ridge Res
Charlotteburg
Wanaque
Raymond Dam
Woodcliff Lake
Dobbs Fy., N. Y.
Allendale
Milton
Macopin Intake
Midland Park
Stroudsburg, Pa.
Split Rock Pond
New Milford
Eastchester, N. Y.
Portland, Pa.
Paterson
Little Falls Wtr Co
Backensack
Great Meadows
Boonton
Morris Plains 1 W
Cedar Grove
Ridgefield
Belvidere
Essex Fells Service Bldg.
NY Central Pk, N. Y.
Long Valley
Canoe Brook
Orange
Jersey City
Chatham
Irvington
Pbillipsburg Br
Springfield
New York WB City, N. Y.
Newark WB AP
Allentown WB AP, Pa.
Phillipsburg
Watchung
Elizabeth
Clinton
Plainfield
Westfield
Elizabethport
Bethlebem Lehigh U, Pa.
Somerville
Rahway
Manville
Flemington 1 NE
Sandy Hook
New Brunswick Exp Sta
Quakertown 1 E, Pa.
Runyon
Lambertville
Marlboro SCS
Princeton Water Works
Doylestown, Pa.
Higbtstown Pump Sta
Long Branch
Freehold
Trenton 2
Hightstown 1 N
Trenton WB City
Belmar
Nesbaminy Falls, Pa.
Lakewood 2 ENE
Consbobocken, Pa.
Burlington
Pbila. Sbawmont, Pa.
Upper Darby, Pa.
Moorestown
Pemberton 3 E
Toms River
Lumberton
Pbiladelpbia WB AP, Pa.
Marlton 1 W
Audubon
Indian Mills 2 W
Swedesboro S NW
Berlin 1 W
Chatsworth 5 S
Wilmington City Hall, Del.
Glassboro
Deepwater
Woodstown 2 NW
Clayton
Bammonton 2 NNE
Bass River St Forest
Tuckerton 2 SW
Centerton
Canton
Vineland
Mays Landing
Pleasantville 1 N
Millville
Millville CAA AP
Atlantic City WB
Belleplain
Fortescue
Leesburg State Farm
Dover, Del.
Cape May 3 W
Milford, Del.
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: Non-recording; Recording; Both types.
Double circle combinations indicate the availability of more detailed meteorological data.
NWRC., Asheville, N. C. --- 1/56

551.05
UNNJ
Cop. 1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JULY 1956
Volume LXI No. 7

THE LIBRARY OF THE
SEP 24 1956
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1956

WEATHER SUMMARY

GENERAL

July was rather cool and damp. Crops made excellent growth but frequent rains hindered harvesting operations.

This was the coolest July since 1924, and all stations that have long-term averages showed negative departures that ranged from -1.0° at Pleasantville 1 N to -5.0° at Belvidere. The highest reading of the month was 97° at Runyon on the 2nd, while the lowest was 40° at Layton 3 NW on the 30th.

This was the wettest July since 1946 and nearly all stations having long-term means showed positive departures. The departures ranged from -0.78 inch at Flemington 1 NE to +5.99 inches at Newton. Monthly totals varied from 3.20 inches at Princeton Water Works to 10.67 inches at Newton. The greatest daily amount was 4.44 inches at Newton on the 9th.

Based on available reports the percentage of sunshine was considerably less than usual expectancy, which was reflected in the greater than usual daytime cloudiness.

WEATHER DETAILS

Temperatures during the first few days of the month averaged above normal with most stations reporting their highest temperature of the month on the 2nd. A cold air mass that moved across the State late on the 2nd began lowering temperatures and readings generally through the 25th were on the cool side. However, on several interspersed dates during this period temperatures were normal or slightly above, but none were worthy of special mention. For the 26th to 28th period temperatures averaged slightly above normal due to the circulation of warm air in advance of an approaching frontal zone. After the passage of the cold front on the 28th temperatures dropped below normal on the last three days of the month and minimum readings were in the 50's and 60's.

Pressure patterns that controlled the State's weather during the month produced frequent occurrences of precipitation and considerable thunderstorm activity. Many stations reported some precipitation on about two-thirds of the days during the month. Perhaps the most outstanding occurrences were the widespread light rain or drizzle that fell on the 4th, 5th and 6th, and general rain on the 20th and 21st which was heavy in most areas. Tornadoes were reported on the 13th and are described under Destructive Storms below.

WEATHER EFFECTS

July was generally a favorable month with respect to precipitation and soil moisture throughout the State; however, warmer and sunny weather was needed for some late crops. The unusually large number of days on which measurable precipitation fell during the month hampered field work but aided general crop growth.

Early in the month precipitation appeared to be ample and well distributed in area and time. Soil moisture was generally good and irrigation was being kept to a minimum although still employed in a few scattered sections. As the month progressed crop prospects were generally good after a late start in the spring, and except for unusually late frosts, no extremes of weather had marred the current growing season.

As the month drew to a close corn was showing rapid growth and tasseling in most regions. The blueberry harvest was nearing the peak and early variety peaches were increasing in volume. The tomato harvest was increasing in all areas with picking for canning getting underway. Early potatoes were maturing. Sweet corn was of excellent quality and harvest approached peak volume.

DESTRUCTIVE STORMS

In the late p.m. of the 8th and early a.m. of the 9th thunderstorms and showers moved eastward across New Jersey with Sussex, Warren and upper Morris Counties receiving considerable damage. Most damage appeared due to locally excessive precipitation and resultant flooding. Many telephone and power lines were out in the three-county region, and two boy scouts were injured by lightning at their camp near Beaver Lake, Sussex County. Part of a 24-car freight train was derailed when the tracks of the Susquehanna and Western Railroad were damaged by local flooding of a branch of the Paulinskill River near Stillwater, Sussex County. One Newton, Sussex County family was evacuated from their house when local floods endangered the area. A highway near Columbia (Warren County) was temporarily washed out by heavy rains.

On the 13th from 1:26 to 1:30 p.m. a tornado is reported to have occurred at Haddon Heights in Camden County. A small truck was carried 80 feet around a corner; the roof and entrance to a diner were torn off; a parked car was tossed about; several plate glass windows were blown out; the walls of a garage were blown out; one structure was twisted on its foundation and many trees were uprooted, twisted and blown over. Debris was strewn in every direction. Eight persons were reported injured.

Also on the 13th in the afternoon a tornado occurred at Vincentown-Pemberton Road in Burlington County. Damage was done to houses, barns, trees, power lines, fences, etc. Total damage was estimated at $30,000, with some damage to crops.

A thunderstorm and squall occurred on the 14th from 11:15 to 11:30 a.m. at Wrightstown in Burlington County. The roof of the Fort Dix Depot was blown off, damaging and toppling 7 electric poles. Several cars and one truck were damaged by falling poles and wires and two plate glass windows were cracked and broken. One person was reported injured and damage to property was estimated at $5,000.

On the 14th from 11:10 to 11:20 a.m. a thunderstorm and squall occurred in the Raritan Township of Monmouth County. The roof and rear wall of a cinderblock garage was partially destroyed by wind. Several signs, trees and wires were down in the Keyport area. Damage to property was estimated at $2,500.

FLOODS

Some flash flooding occurred from local heavy rains, but no floods were reported on major streams.

Franklin W. Long, Climatologist
U. S. Weather Bureau
Weather Records Processing Center
Chattanooga, Tennessee

SPECIAL NOTICE

In this issue of the Climatological Data for New Jersey there is inaugurated a new presentation of precipitation and temperature data for the State. In January, 1956, the decision to abandon the State means of temperature and precipitation was reached after careful consideration and consultation with the Advisory Committee on Climatology. Political subdivisions generally bear no relation to natural regions of topography, vegetation or atmospheric circulation, and averages of climatic data over such areas do not form a valid time series. In addition the number and location of stations change from year to year. The charts presented herein give a general picture of the distribution of precipitation and temperature over the State.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max 90° or Above	Max 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
ATLANTIC CITY W8	R	78.1	66.7	72.4	- 1.2	89	2	60	31	1	0	0	0	0	4.79	1.01	1.80	5	.0	0		7	3	1
AUDU8ON		83.0	64.5	73.8		95	2	55	31	1	3	0	0	0	5.86		1.72	21	.0	0		9	3	2
8ELLEPLAIN		83.9	63.2	73.6		93	2	53	31	0	2	0	0	0	7.96	3.78	2.18	5	.0	0		9	6	3
8ELVIDERE		82.7	58.3	70.5	- 5.0	95	2	49	31	10	4	0	0	0	7.39	2.02	1.94	9	.0	0		12	5	3
8OONTON	AM	79.4	60.4	69.9	- 3.1	90	3	51	30+	14	1	0	0	0	5.13	.93	.95	27	.0	0		11	4	0
8RIDGETON 1 NE	AM	83.2M	64.2M	73.7M		95	3	55	31	0	2	0	0	0	8.39		3.90	21	.0	0		9	3	3
8URLINGTON		84.2	65.1	74.7	- 2.6	96	2	57	30	3	4	0	0	0	4.97	.73	2.00	21	.0	0		9	3	1
CANOE 8ROOK	AM	80.7	61.2	71.0	- 2.1	91	3	48	31	13	1	0	0	0	6.03	1.41	1.70	27	.0	0		11	4	2
CAPE MAY 3 W		80.8	67.1	74.0		89	2+	59	30	0	0	0	0	0	8.55		1.98	27	.0	0		10	8	3
CHARLOTTE8URG	AM	78.1	56.3	67.2	- 4.0	88	3	43	31	29	0	0	0	0	6.15	1.42	1.03	10	.0	0		11	6	1
CHATSWORTH 5 S																								
CLAYTON		83.0	63.1	73.1		94	2	54	30	2	2	0	0	0	6.89		2.38	21	.0	0		9	5	3
ELIZA8ETH		83.0	62.7	72.9	- 3.1	93	2	52	30	5	5	0	0	0	4.80	.42	1.40	21	.0	0		8	3	1
ESSEX FELLS SERV 8LOG	AM	81.1	61.7	71.4		92	3	47	31	11	3	0	0	0	5.02		.85	21	.0	0		9	5	0
FLEMINGTON 1 NE		82.2	59.9	71.1	- 4.6	93	2+	48	31	9	4	0	0	0	3.60	- .78	1.21	21	.0	0		10	1	1
FREEHOLO		82.0	62.7	72.4	- 2.7	91	2	51	30	6	3	0	0	0	5.45	1.43	2.55	21	.0	0		8	4	1
HAMMONTON 2 NNE	AM	83.1M	64.1	73.6M	- 2.6	93	29	55	30+	1	4	0	0	0	6.13	1.94	2.09	21	.0	0		6	4	2
HIGHTSTOWN 1 N		80.6	62.4	71.5	- 3.5	92	2	52	30+	9	2	0	0	0	4.36	.11	2.03	21	.0	0		8	1	1
INOIAN MILLS 2 W		82.8	61.7	72.3	- 2.6	95	2	50	31	3	5	0	0	0	7.65	3.81	4.02	21	.0	0		8	5	1
JERSEY CITY		79.2	64.5	71.9	- 3.8	93	2	52	6	12	1	0	0	0	3.81	- .15	1.06	21	.0	0		7	3	1
LAKEWOOD 2 ENE		81.1	61.5	71.3	- 3.4	94	2	50	31	7	2	0	0	0	7.22	3.42	3.55	21	.0	0		9	5	2
LAMBERTVILLE		82.5	61.8	72.2	- 2.7	93	2	50	30	7	3	0	0	0	4.15	- .32	1.77	21	.0	0		6	2	1
LAYTON 3 NW		81.6	54.6	68.1	- 3.7	92	2	40	30	21	3	0	0	0	6.64	1.73	1.72	9	.0	0		8	5	3
LEES8URG STATE FARM	AM	82.0	63.6	72.8		92	3	52	30	1	2	0	0	0	5.75		1.20	27	.0	0		9	6	1
LITTLE FALLS WATER CO	AM	82.2	61.2	71.7	- 3.2	94	3	50	31	10	1	0	0	0	5.19	.69	.87	21	.0	0		12	5	0
LONG 8RANCH		80.5	63.3	71.9	- 2.7	93	2	54	31	6	2	0	0	0	4.42	.33	2.43	21	.0	0		6	2	1
LONG VALLEY		79.6	58.9	69.3		90	2	46	31	19	1	0	0	0	6.63	1.49	1.90	27	.0	0		10	4	2
MOORESTOWN		81.4	63.5	72.5	- 2.7	94	2	53	31	5	2	0	0	0	5.39	1.41	1.86	21	.0	0		9	3	1
MORRIS PLAINS		80.8	60.0	70.4		92	3	48	31	12	2	0	0	0	5.21		1.25	21	.0	0		9	4	2
NEWARK W8 AIRPORT	R	81.6	64.5	73.1	- 2.2	95	2	57	5+	9	1	0	0	0	4.99	.79	1.22	21	.0	0		9	4	2
NEW 8RUNSWICK EXP STA		81.7	62.5	72.1	- 3.0	92	2+	52	30	9	2	0	0	0	3.93	- .32	1.52	21	.0	0		8	3	1
NEWTON	AM	79.0	58.3	68.7	- 3.8	90	3	45	30+	27	1	0	0	0	10.67	5.99	4.44	9	.0	0		14	6	3
PATERSON	AM	83.0	63.1	73.1	- 2.8	94	3	54	31	9	2	0	0	0	5.57	.99	.91	10	.0	0		11	5	0
PEM8ERTON 3 E		82.6	62.1	72.4	- 3.3	93	2	51	30	4	4	0	0	0	8.18	3.83	3.11	21	.0	0		10	4	3
PHILLIPS8URG		82.6	59.6	71.1	- 3.3	91	3	50	31	9	3	0	0	0	5.28	- .36	1.20	21	.0	0		9	6	1
PLAINFIELD		81.0	62.5	71.8	- 3.3	90	1+	51	30+	9	2	0	0	0	5.52	1.03	1.60	21	.0	0		9	3	2
PLEASANTVILLE 1 N	AM	81.6M	65.2	73.4M	- 1.0	93	3	52	31	1	4	0	0	0	4.89	1.03	1.30	21	.0	0		8	5	2
RIOGEFIELO		81.7	62.5	72.1	- 3.1	94	2	52	30+	11	2	0	0	0	4.78	.46	1.68	9	.0	0		7	4	2
RUNYON		84.7	61.1	72.9	- 1.6	97	2	48	30	3	7	0	0	0	4.43	.18	1.76	21	.0	0		9	2	1
SANDY HOOK L8STA		79.7	66.9	73.3	- 2.1	93	26	58	6	4	1	D	D	0	2.47	- 1.18	1.14	21	.D	0		6	1	1
SOMERVILLE		81.9	61.2	71.6	- 3.1	93	2	48	30+	11	2	0	0	0	4.53	.09	1.32	21	.0	0		9	3	1
SUSSEX 3 N		80.1	58.1	69.1	- 4.3	90	1+	45	30+	20	2	0	0	0	6.76	1.69	1.72	5	.0	0		11	6	2
TRENTON 2		82.4	63.8	73.1		94	2	55	30	6	3	0	0	0	3.97	- .75	1.68	21	.0	0		6	2	1
TRENTON W8 CITY	R	80.8	64.6	72.7	- 2.6	93	2	57	5+	8	3	0	0	0	3.51	- .55	1.59	21	.0	0		7	2	1
AVERAGE				71.9											5.73				.0					

† DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
JULY 1956

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB R	4.79		T	.01		1.80	.02		.72	.37		T		T			.20		.04		.02	.85		T	.02			.37	.37			
AUDUBON	5.86			.30	T	.43	.08			1.69				.34	T		.28				.18	1.72			T			.20	.64			
BASS RIVER ST FOREST	6.37			.31		.50	.08	.44	.06	.04				.02			.04					3.95			.57			.17	.19			
BELLEPLAIN	7.96			.48		2.18	.52			.66	.21						.18					1.25						1.90	.58			
BELMAR	4.67					.80				.52				.28	.18		.20				.32	1.99						.38				
BELVIDERE	7.39		.05	.91	.31	1.02	.28			1.94	.13	.08		.20	.93		.13			T	T	1.01			T	T	T	.25	.15			
BERLIN 1 W	7.16		.18			.35	.60			1.10					.65			.18				2.85						.50	.75			
BOONTON	5.13			.28		.60	.47	.01		.38	.42			.01	.55		.17					.65	.40		T		.24	.95		T		
BRANCHVILLE	5.65		.11	.23		.67	.88	.05	.02	.57	.53		.02	.12	1.20	.08					.25	.55	.06					.31		T		
BRIDGETON 1 NE	8.39			.02	.02	.36	.11	T		.45	.17		.05						.03			3.90	T	.03	.45	.10		1.37	.02	1.29	.02	
BURLINGTON	4.97		.02	.20		.59	.02			.75			.09	.35	.05		.03					2.00		.02	.11			.19	.15	.40		
CANISTEAR RESERVOIR	8.70		.14	.23		.86	.79	.05	.01	3.98	.50		T	.06	1.03	.11						.74	T				.02	.16		.02		
CANDE BROOK	6.03			.14		.63	.34	.10		.67	.26		.03		.47			.29				1.11	.22	T	.02			1.70	.05			
CANTON	6.72			.38			.49	.01		.38	.22				.13							2.52		.07	.40	.11		.84		1.17		
CAPE MAY 3 W	8.55					1.55	.53		.11	.66	.07			.06			.58	.74			.01	1.22	.12		.02			1.98	.90			
CEDAR GROVE	5.92			.20		.56	.59			.63	.81				.61			.16				.90	.48		.48		.08	.42				
CHARLOTTEBURG	6.15		.06	.46		.64	.76		.03	.97	1.03			.15	.66	.15		.05				.68	.29					.22				
CHATHAM	5.73			.15		.63	.32	T		.53	.56		.02		.55			.30				.85	.42		T			1.22	.18			
CHATSWORTH 5 S		RECORD MISSING																														
CLAYTON	6.89			.14		.70	.02		T	1.12				.51	.14				.06		.09	2.38		.12	.16			1.42	.03			
CLINTON	5.08		.07	.24	.35	.60	.04		.82				.04	.33	.14		.08					1.33			.03		.09	.30	.62			
DEEPWATER	5.91		.48	.20	.02	.11	.05			.55		.16		T			.01			T	.54	2.72		.03	.07			.75	.22			
ELIZABETH	4.80		.01	.01	.41	.96	.04			.81			.01	.14	.39		.40				.01	1.40		.01	.02			.18				
ELIZABETHPORT	4.63		T	.20	.35	.43			.02	.53			.04	.13	.21		.34				.04	1.22			.02		.04	1.06				
ESSEX FELLS SERV BLDG	5.02	.05		.08		.51	.43	.06		.60	.75	.02			.60			.09				.85	.34		T			.15	.42	.07		
FLEMINGTON 1 NE	3.60		.14	.24	.12	.36	.03	T		.33	.03			.30	.31	T	.03				T	1.21	T		.08	T	.01	.28	T	.13		
FREEHOLD	5.45			.09		.45	.11			.50				.50	.58		.08				T	2.55			.07			.17	.35			
GREENWOOD LAKE	7.87		.48	.20	.02	.11	.05	.05	.02	3.38	.35			.08	.70	.12					T	.53	.15				.20	.08	.32			
HAMMONTON 2 NNE	6.13			.06		.28	.83															2.09	1.70			.01		.72	.03	.41		
HIGHTSTOWN 1 N	4.36		T	.16	T	.38	.31			.38	T			.25	.39		.07					2.03			.07			.00	.23			
INDIAN MILLS 2 W	7.65			.08		.81	.03			.82	T			.31	T		.17				.10	4.02			.04			.65	.62			
IRVINGTON	5.57			.05	.28	.63	.02		.29	.32		.02		.20			.36			.03	.14	1.40			.02		.52	1.29				
JERSEY CITY	3.81			.02	.12	.60	.02		.02	.25				.08	.02		.37				.05	1.06			.02		.20	.98				
LAKEWOOD 2 ENE	7.22			.10		1.15			T	.67				.69	.07		.07				.15	3.55			.17			.50	.10			
LAMBERTVILLE	4.15		T	.36	.01	.26	.05			.96				.26	.03		.03				T	1.77			.30		T	.05	T	.07		
LAYTON 3 NW	6.64		.08	.08	.03	1.29	.14		.02	1.72		.02	.55	.38	1.28						.03	.67			.04	.02		.27	.02			
LEESBURG STATE FARM	5.75			.36		.70	.73	.05		.81	.10								.10			.83						1.20		.87		
LITTLE FALLS WATER CD	5.19		.01	.20		.53	.43	.01	T	.71	.36				.54			.15				.87	.30		.01		.33	.50	.04	.11		
LONG BRANCH	4.42			.06	.03	.58				.34				.42	.28		.07				.11	2.43		T	.01			.04	.05			
LONG VALLEY	6.63		.03	.68	.48	.47	.02			.66		.03		.43	.10		.37				.15	1.20			.02	.03		1.90	.06			
MACOPIN INTAKE	7.25		.02	.55		.56	.72	.02	T	1.05	1.22		T	.15	.55	.17		.03				1.03	.04		.01		.47	.66				
MANVILLE	5.64	T		T	.52	.65	.02		.43	.24			.25	.32			.19				.70	1.12			.30	.02	.23	.37	.28			
MARLTON 1 W	7.32		.01	.21		.45	.06			1.91				.80	.44		.40					2.20			.07			.12		.65		
MAYS LANDING	5.47			.17		1.12	.05			.80			.33				.03					1.75			.09			1.05	.05	.03		
MIDLAND PARK	6.20			.27		1.21	.19			2.01			.05		.47		.10					1.02	.01			.45	.05	.37				
MILLVILLE	5.26		.09	.11		.60			.17	.30		.06									.23	2.33		.02	.02			.99	.34			
MILTON	8.28		.06	.45		.64	.85	.20		1.85	1.51		.05	.25	.64	.28		.06				.61	.23	.03			.28	.27		.02		
MOORESTOWN	5.39		T	.26		.47	.05	*	.04	.98	T				.85	.24		.19				1.86			.12	.01		.02		.30		
MORRIS PLAINS	5.21		.04	.23	.02	.85	.06			.92	T			.23	.19		.10				T	1.25			T			.23	1.07	.02		
NEWARK WB AIRPORT R	4.99	T	T	.01	.25	.61	T		.16	.66	T	.10	.06	.08	.04	T	.49				.08	1.22		T	.01	.07	.15	1.00				
NEW BRUNSWICK EXP STA	3.93		T	.10	.12	.71	.07	T		.30	T			.13	.03		.02				T	1.52			.05		T	.62		.26		
NEW MILFORD	4.46			.14	.02	.96			.10	1.10			.10	.32	.16		.16				.04	.84				.12	.08	.26				
NEWTON	10.67		.15	.34		.70	.64	.06		4.44	1.40		.18	.30	1.04	.13		T			.20	.52	.04		.02		.16	.32		.03		
OAK RIDGE RESERVOIR	7.88		.10	.31		1.00	.71	.06		2.17	1.00			.20	.70	.50						.69	.15				.03	.17				
ORANGE	5.12			.02	*	*	.79		.34	.48				.35			.50				*	1.60				.13	.28	.63				
PATERSON	5.57			.13		.51	.49	.03		.65	.91				.81			.18				.90	.17		T		.21	.45	.05	.08		
PEMBERTON 3 E	8.18		.04	.14		.28	.08			1.42				1.82	.51		.10				T	3.11			.13			.27		.28		
PHILLIPSBURG	5.28		.09	.75	.10	.72	.02			.69			T		.69		.25			T	T	1.20			.14		T	.05	.58			
PHILLIPSBURG BRIDGE	3.61			.92	.45	.21				.12	.10				.20		.04	.15				1.06			.02		.24	.10				
PLAINFIELD	5.52		T	.04	.20	.70	.06	.02		.47		.03	.13	.30	.47		.39				.09	1.60		T	.02	T		1.00	T			
PLEASANTVILLE 1 N	4.89					.16	.72	.03		1.18		.12					.04		.02			1.30			.15			.65	.52	T		
PRINCETON WATER WORKS	3.20		.01	.19	T	.60	.02			.20				.12	T		.05				.19	1.58		T	.16			.08				
RAHWAY	4.48			.09	.37	.58	T		.03	.38			.05	.10	.02		.50				.04	1.36			.02		T	.98	T			T
RIDGEFIELD	4.78				.03	.80	T		.04	1.68	T			.17			.23			T	.06	1.02			T	.16	T	.59	T			T
RINGWOOD	6.42			.18	T	.61	.69	.03	.02	2.01	.22			.11	1.11	.09		T			.19	.55	.05				.19	.37				
RUNYON	4.43			.10		.35	.17	.27						.27	.90		.03				.05	1.76					.39		.14			
SANDY HOOK LBSTA	2.47				.11	.46				.27				.30	.14		T				T	1.14			T			.05	T			
SOMERVILLE	4.53		T	.11	.54	.64	.02			.41				.36	.05		.16				T	1.32			.05		.04	.45	.38			
SPLIT ROCK POND	7.38		.05	.55		.60	.69	.02		.49	1.71		.04	.03	.62	.18		.23				1.06	.17		.01		.21	.72				
SUSSEX 3 N	6.76		.10	.25	.02	1.72	.24		.08	.81	T	T	1.15	.52	.72	T	T				.01	.60	.01		.18	.03		.26		T		
SWEDESBORO 5 NW	6.43		.12	.63		.19	.04	T		1.80	.01		.09		.03		.14	.01	.01		T	2.75		.02	.08	.01		.50		T		
TOMS RIVER	4.24		.05			.62				.24				.04	.30		.09				.02	2.70			.10			.08				
TRENTON 2	3.97		.09	.29	.04	.62	.03		.03	.34	T		.03	.29	.02		.07				.26	1.68		.02	.05	T	T	.03	.08			
TRENTON WB CITY R	3.51		.05	.16	T	.59	.02	T	.10	.35	T		.01	.24	T	T	.05	T			.26	1.59		T	.02	T	T	.01	.06			
VINELAND	7.20		.14	.08		.27	.80	.02		.19	.08				T							3.11	.03		.78	T		.78	.10	.82		
WANAQUE RAYMOND DAM	6.33		.02	.52		.50	.82	.03	T	.80	1.28			.12	.63	.03		T			T	.52	.16		T		.20	.70				
WESTFIELD	5.59	.04			.71	.55	.24		.03	.10	.01	T		*	.79		.30				.10	1.40		.03		T	.14	1.11				
WOODCLIFF LAKE	5.74			.48	.02	1.04	.26		.04	1.62			.02	.44	.16		.04				.04	.98					.22	.38				

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	73	89	79	77	75	67	71	77	76	79	85	83	76	87	89	80	72	76	76	77	77	73	82	78	85	81	79	85	77	72	76	78.1
	MIN	67	69	64	68	62	61	64	68	70	69	65	69	70	68	63	67	67	65	68	70	69	65	69	69	66	69	70	72	65	61	60	66.7
AUDUBON	MAX	91	95	88	79	70	68	83	85	83	82	85	87	83	86	84	81	80	81	83	78	78	83	89	76	87	89	89	92	79	77	81	83.0
	MIN	61	73	79	69	59	59	63	65	69	69	62	62	65	71	61	65	65	64	62	64	65	62	66	67	62	65	69	71	63	58	55	64.5
BELLEPLAIN	MAX	80	93	92	88	78	78	79	83	78	79	83	88	83	88	85	88	85	82	80	86	84	88	88	82	87	88	88	86	78	75	80	83.9
	MIN	69	68	67	67	68	59	63	65	72	70	60	60	69	73	59	63	66	57	57	62	63	65	60	57	55	62	68	70	65	56	53	63.2
BELVIDERE	MAX	93	95	90	82	66	62	83	86	86	81	87	87	86	82	83	85	82	81	83	76	71	78	89	82	88	86	90	85	81	77	82	82.7
	MIN	62	68	62	64	58	56	59	60	69	65	65	57	61	69	57	64	61	54	56	62	62	59	66	62	64	63	68	68	58	59	49	58.3
BOONTON	MAX	82	87	90	86	71	62	65	81	84	83	79	83	83	83	81	83	75	79	81	79	76	66	78	73	78	84	85	85	85	78	75	79.4
	MIN	56	65	65	62	61	55	57	64	69	68	58	56	62	66	58	61	63	52	54	58	62	59	62	67	62	61	65	67	56	51	51	60.4
BRIDGETON 1 NE	MAX	83		95	88	86	75	75	80	83	83	80	84	86	85	87	83	85	82	83	83	81	86	82	88	76	83	88	85	90	75	75	83.2
	MIN	56		69	68	65	59	60	65	71	69	61	61	79	73	60	63	65	63	59	62	68	62	63	69	62	65	68	73	65	57	55	64.2
BURLINGTON	MAX	93	96	95	89	75	66	86	86	83	85	88	85	86	86	85	85	82	80	79	78	70	81	86	86	88	89	89	91	80	79	82	84.2
	MIN	62	73	70	71	61	58	62	64	70	69	62	61	66	72	64	63	66	62	68	63	60	62	68	71	63	65	71	72	65	57	58	65.1
CANOE BROOK	MAX	85	89	91	87	70	62	68	84	85	86	84	85	85	84	82	77	76	80	81	79	71	65	79	86	89	86	81	86	87	78	75	80.7
	MIN	56	69	65	62	61	55	59	64	69	66	58	55	62	69	62	60	69	54	53	59	66	59	63	69	70	64	62	67	55	55	48	61.2
CAPE MAY 3 W	MAX	78	89	89	86	77	72	75	78	78	79	83	85	80	84	80	83	78	79	80	79	80	78	89	82	82	85	81	86	77	75	79	80.8
	MIN	65	69	79	69	70	62	65	66	70	69	68	67	64	68	69	66	64	65	63	68	69	67	68	70	70	79	67	67	69	59	67	67.1
CHARLOTTEBURG	MAX	84	86	88	84	73	59	73	78	82	82	76	81	81	80	78	80	75	78	89	78	73	64	76	77	79	81	82	85	82	75	72	78.1
	MIN	61	62	62	56	58	53	54	54	65	63	56	55	59	64	52	57	58	46	48	51	58	57	69	58	59	56	58	62	55	46	43	56.3
CHATSWORTH 5 S	MAX																																
	MIN																																
CLAYTON	MAX	89	94	93	85	72	69	82	85	80	80	84	86	85	85	83	82	79	81	80	78	83	82	87	82	85	88	87	89	80	76	81	83.0
	MIN	69	79	67	67	62	56	61	62	70	67	59	60	74	69	59	63	63	61	60	61	65	69	64	66	61	62	65	69	63	54	55	63.1
ELIZABETH	MAX	90	93	90	80	78	62	80	85	81	84	86	88	84	82	85	79	80	84	83	76	74	80	88	82	89	90	85	90	82	80	82	83.0
	MIN	60	72	66	64	57	57	60	65	69	67	61	59	65	67	58	64	64	59	58	62	63	61	69	68	61	63	69	70	60	52	54	62.7
ESSEX FELLS SERV BLDG	MAX	90	90	92	85	78	62	67	75	85	83	80	84	85	85	86	75	75	80	85	85	75	72	77	85	78	82	84	85	85	86	78	81.1
	MIN	58	68	65	66	60	55	56	65	68	68	63	63	68	70	68	68	64	58	64	65	55	58	59	60	60	60	63	66	58	48	47	61.7
FLEMINGTON 1 NE	MAX	90	93	93	82	67	62	83	85	84	83	85	87	83	84	82	78	82	83	81	79	69	79	86	78	86	88	90	88	80	76	81	82.2
	MIN	52	67	67	62	69	55	59	64	79	65	56	55	61	66	56	61	60	56	52	57	62	60	64	66	61	58	64	68	56	49	48	59.9
FREEHOLD	MAX	89	91	90	84	70	64	80	84	81	82	84	87	85	84	81	75	80	81	80	77	75	80	88	86	86	86	87	90	80	75	80	82.0
	MIN	68	67	68	67	63	57	69	61	69	67	59	59	63	69	57	63	62	61	58	60	63	60	68	67	62	64	68	71	59	51	53	62.7
HAMMONTON 2 NNE	MAX	87	83	92	88	83	74	79		81	83	83	88	90	89	84	87	88	89	82	84	80	79	70	80	75	85	99	89	93	72	74	83.1
	MIN	62	72	68	66	63	59	69	64	72	69	60	63	66	71	61	65	63	62	60	60	60	62	61	70	63	65	75	72	64	55	55	64.1
HIGHTSTOWN 1 N	MAX	91	92	89	78	66	63	80	85	82	80	84	85	84	82	80	75	80	83	79	76	68	78	86	76	85	86	86	88	78	75	80	80.6
	MIN	60	71	68	66	58	57	60	63	70	68	58	60	65	70	58	63	61	58	57	58	63	60	68	67	62	64	69	71	58	52	52	62.4
INDIAN MILLS 2 W	MAX	99	95	91	81	70	68	83	84	80	82	85	87	85	85	83	80	81	81	82	78	82	80	89	78	86	90	87	91	76	77	81	82.8
	MIN	56	68	68	65	59	58	61	61	70	68	56	58	65	70	57	62	69	61	57	57	66	61	64	67	60	61	68	68	61	51	50	61.7
JERSEY CITY	MAX	80	93	87	84	68	60	77	77	80	80	82	86	79	80	83	74	78	79	78	73	68	76	87	77	85	86	80	89	79	76	75	79.2
	MIN	65	70	68	68	56	52	60	66	71	70	62	66	79	67	63	68	60	61	63	67	61	57	69	70	65	66	69	70	63	60	57	64.5
LAKEWOOD 2 ENE	MAX	86	94	84	74	67	64	76	83	81	83	85	88	87	84	83	76	76	79	80	78	71	80	89	74	87	87	88	93	80	76	80	81.1
	MIN	79	71	67	63	58	57	60	60	70	60	59	69	62	65	57	69	59	58	52	55	62	61	68	65	63	64	68	69	60	52	50	61.5
LAMBERTVILLE	MAX	99	93	92	86	69	63	81	85	89	81	85	86	83	84	82	80	80	83	81	79	73	78	86	83	86	87	87	89	80	78	80	82.5
	MIN	69	70	69	66	59	56	60	65	70	68	57	57	63	71	56	63	60	57	56	60	63	61	65	66	69	61	68	69	58	59	51	61.8
LAYTON 3 NW	MAX	90	92	88	82	70	64	84	85	83	80	80	80	81	80	83	80	79	80	80	77	75	80	87	84	87	80	89	90	84	76	80	81.6
	MIN	55	60	58	56	55	53	55	54	63	57	56	49	60	60	50	56	52	45	48	60	59	55	52	60	55	55	62	62	48	40	43	54.6
LEESBURG STATE FARM	MAX	80	85	92	86	85	79	70	76	80	78	79	83	85	82	88	81	86	81	79	81	79	84	79	89	79	83	88	80	90	78	76	82.0
	MIN	67	69	68	67	68	59	58	64	72	69	59	69	69	72	62	59	65	60	58	60	68	63	64	72	60	63	68	63	62	52	53	63.6
LITTLE FALLS WATER CO	MAX	86	89	94	89	75	64	67	83	85	84	82	86	86	85	83	86	77	82	83	82	78	68	80	88	80	87	87	88	87	80	78	82.2
	MIN	59	69	64	64	59	55	56	64	69	67	69	57	64	79	58	62	62	55	55	62	63	59	64	68	60	60	67	68	57	51	50	61.2
LONG BRANCH	MAX	82	93	87	72	67	64	76	81	83	84	84	88	85	85	83	74	79	80	80	77	70	78	88	77	85	86	85	99	79	76	77	80.5
	MIN	62	70	68	65	58	58	61	64	70	64	60	61	65	79	59	65	65	63	58	62	62	62	67	64	62	65	79	69	63	56	54	63.3
LONG VALLEY	MAX	88	90	87	80	66	62	78	82	84	77	83	84	80	82	81	76	77	79	78	74	69	80	83	80	84	85	86	84	78	74	77	79.6
	MIN	55	67	64	60	56	54	56	60	68	62	58	60	60	65	53	59	60	50	50	59	61	58	63	65	60	62	65	63	58	48	46	58.9
MOORESTOWN	MAX	90	94	87	77	67	66	83	84	82	81	84	85	83	83	82	78	79	81	81	77	75	82	87	74	85	87	87	89	77	75	80	81.4
	MIN	59	74	70	67	59	58	62	65	69	67	62	62	64	68	61	64	64	62	60	61	63	62	66	65	63	64	70	69	62	54	53	63.5
MORRIS PLAINS	MAX	87	91	92	87	69	59	80	83	82	78	83	83	81	81	82	77	79	80	80	78	73	78	83	83	85	85	85	86	81	77	78	80.8
	MIN	57	67	64	62	56	54	57	63	68	66	55	55	61	68	57	60	63	52	53	59	62	59	64	66	62	61	66	67	56	52	48	60.0
NEWARK WB AIRPORT	MAX	85	95	89	76	65	62	81	82	83	84	85	88	82	85	85	77	82	83	80	76	69	81	89	80	88	88	84	89	80	76	81	81.6
	MIN	63	73	67	63	57	57	61	66	70	67	63	63	68	69	61	67	66	63	62	66	61	61	70	67	63	66	79	72	63	57	58	64.5
NEW BRUNSWICK EXP STA	MAX	89	92	92	85	66	62	78	83	82	82	84	85	84	84	81	81	79	81	80	78	74	78	85	85	85	86	85	88	85	77	78	81.7
	MIN	61	71	68	62	58	56	59	64	70	68	59	59	63	70	57	63	63	62	57	60	62	60	68	66	62	65	69	71	60	52	54	62.5
NEWTON	MAX	84	89	99	83	70	61	62	80	83	81	77	82	80	82	78	81	78	79	89	81	74	66	79	85	78	85	84	87	81	77	73	79.0
	MIN	58	66	62	58	60	54	55	60	65	65	56	55	69	67	55	59	69	48	51	59	62	58	60	61	60	57	65	65	55	45	45	58.3
PATERSON	MAX	88	90	94	89	75	61	71	80	86	86	85	86	87	85	85	86	76	81	83	82	76	75	83	88	82	89	88	89	88	82	77	83.0
	MIN	63	79	64	69	60	55	55	61	68	68	60	66	65	70	69	65	64	58	60	64	63	59	63	70	63	65	68	69	61	56	54	63.1
PEMBERTON 3 E	MAX	91	93	90	85	71	66	81	86	81	81	85	86	85	83	82	80	80	82	81	78	75	80	88	84	85	88	87	91	80	77	80	82.6
	MIN	56	69	68	66	62	58	61	66	69	68	55	56	63	66	56	55	62	60	57	59	65	61	67	69	61	63	65	70	59	51	62	62.1
PHILLIPSBURG	MAX	89	90	91	90	70	61	75	85	85	84	83	85	84	85	83	80	80	80	84	81	78	77	85	85	86	86	87	88	85	80	79	82.6
	MIN	62	61	60	59	60	52	52	62	62	63	59	57	65	62	58	63	55	58	55	62	62	59	65	66	62	60	61	66	60	51	50	59.6
PLAINFIELD	MAX	90	90	88	79	65	61	80	85	81	82	85	85	83	82	83	76	80	83	79	76	68	79	86	78	87	87	86	89	80	78	80	81.9
	MIN	59	72	68	64	58	56	60	65	71	67	60	58	64	67	59	63	64	61	57	60	62	61	69	68	61	62	67	71	60	51	51	62.5
PLEASANTVILLE 1 N	MAX	80	79	93		81	76	68	75	77	78	79	85	87	87	87	90	82	80	79	80	81	81	78	90	76	84	86	84	92	77	76	81.6
	MIN	64	69	70	67	68	60	63	65	73	70	64	65	70	71	65	65	67	64	60	61	69	63	64	69	63	65	69	70	60	57	52	65.2
RIDGEFIELD	MAX	89	94	90	73	64	61	79	85	83	83	84	88	86	82	86	75	81	83	84	78	68	83	88	80	88	87	85	87	80	77	81	81.7
	MIN	64	73	66	64	57	56	58	66	71	64	61	61	66	66	60	64	62	59	60	64	60	60	67	67	62	62	68	64	60	52	52	62.5
RUNYON	MAX	92	97	92	89	76	74	85	88	82	85	87	89	85	87	85	81	84	79	81	74	70	76	90	86	85	91	90	94	87	80	85	84.7
	MIN	64	72	64	63	58	52	61	66	75	63	51	53	63	66	63	62	54	54	56	60	62	64	63	67	64	60	64	70	62	48	50	61.1

See Reference Notes Following Station Index

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
SANDY HOOK LBSTA	MAX	83	88	84	78	67	63	80	79	78	81	83	86	78	78	84	72	79	79	76	74	75	76	88	83	85	92	85	86	78	75	76	79.7
	MIN	68	74	71	67	60	58	62	63	72	68	68	70	71	65	64	69	69	68	70	70	63	63	68	68	66	69	71	71	68	60	61	66.9
SOMERVILLE	MAX	90	93	89	79	65	62	81	85	82	82	85	87	83	83	82	77	82	83	81	77	77	78	86	84	87	87	88	89	79	77	80	81.9
	MIN	59	70	68	62	58	58	59	65	72	64	56	56	63	69	56	63	61	56	54	60	64	61	67	67	59	61	69	68	57	48	48	61.2
SUSSEX 3 N	MAX	90	90	85	81	68	61	80	83	82	78	82	80	81	78	81	78	79	80	81	75	71	78	85	81	85	83	86	86	84	73	77	80.1
	MIN	61	62	61	60	55	54	58	61	66	65	56	57	61	62	55	60	56	49	51	60	60	56	64	66	57	57	60	66	55	45	45	58.1
TRENTON 2	MAX	91	94	88	77	68	64	83	85	83	83	85	87	84	85	84	76	81	84	82	80	70	80	87	78	87	88	88	91	81	77	83	82.4
	MIN	63	72	68	67	58	57	60	64	70	68	60	62	68	69	60	67	64	59	60	61	64	61	68	66	63	65	71	72	61	55	56	63.8
TRENTON WB CITY	MAX	90	93	86	75	66	63	80	84	81	80	84	86	83	83	82	75	79	83	80	77	69	78	87	75	86	88	87	90	78	76	80	80.8
	MIN	64	73	68	66	57	57	60	65	70	67	62	65	69	68	61	68	65	62	63	62	62	61	68	66	64	68	72	71	64	57	58	64.6

Table 6

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
CANOE BROOK	EVAP	.16	.15	.12	.21	.00	*	*	.19	.17	.06	.18	.16	.17	.03	*	*	.32	.07	.22	.06	.03	.06	.02	.12	.07	.01	-	-	-	-	-	B3.08
	WIND	6	8	6	1	2	12	3	5	24	4	6	3	2	8	2	9	0	4	4	2	16	18	6	2	4	2	3	2	4	9	8	185
PLEASANTVILLE 1 N	EVAP	.20	.14	.28	.33	.23	.05	.06	.12	.31	.03	.29	.08	.20	.00	.31	.33	.03	.33	.14	.19	.08	.06	.03	.35	.07	.16	-	.02	-	.20	.11	B5.06
	WIND	32	24	18	28	14	11	2	16	41	44	6	31	8	0	90	23	7	20	21	8	70	22	31	15	15	8	30	20	12	34	8	707
RUNYON	EVAP	.20	.18	.13	.15	.16	.20	.19	.18	.19	.18	.15	.13	.14	.22	.20	.19	.17	.15	.13	.14	.30	.30	.28	.28	.26	.24	.26	.28	.24	.23	.18	6.19
	WIND	5	5	6	7	5	6	7	9	10	8	3	4	3	2	4	4	5	3	2	12	6	14	10	6	6	5	5	8	4	4	5	181

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed: Fastest mile	Wind speed: Direction of fastest mile	Wind speed: Date of fastest mile	Relative humidity averages - percent: 1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Number of days with precipitation: Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB CITY	-	-	13.7	45	S	21	-	-	-	-	4	5	4	2	1	0	18	52	8.9
LONG BRANCH	S	10	12.1	53	SE	21	-	84	64	70	1	6	4	1	0	1	13	54	7.0
NEWARK WB AIRPORT	WSW	14	8.8	25*	NW	14+	79	75	57	69	6	7	5	2	2	0	22	-	7.3
TRENTON WB CITY	-	-	8.2	32	NW	3	-	-	-	-	9	7	5	1	1	0	23	52	8.9

* This datum is obtained by visual observation since recording equipment is not available. It is not necessarily the fastest mile occurring during the period.

See Reference Notes Following Station Index

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MID	BERGEN COUNTY ENGS	C
#ATLANTIC CITY WB	0325	ATLANTIC	1	30 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	30 37	74 26	20		6P	N.Y. FORESTRY SVC	3
BELLEPLAIN	0890	CAPE MAY	1	39 16	74 52	40	5P	5P	MRS. ED C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	280	5P	5P	MISS C. S. HIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A	SAMUEL M. MC CULLEY	3
BOONTON	0007	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WRT WKS	2 3 5
BRANCHVILLE	0078	SUSSEX	2	41 09	74 47	570		7A	ALBERT N. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	30 28	75 12	114	0A	0A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	8P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	0A	0A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	30 28	75 25	10		0A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	N.WEST NAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	30 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1500	MORRIS	8	40 44	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	30 44	74 32	90	5P	5P	WILLIAM S. MAINES	2 3 5 7
CLAYTON	1708	GLOUCESTER	6	30 30	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1740	HUNTERDON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2200	SALEM	2	39 41	75 30	12		MID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 30	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3020	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		5P	F. A. ROOENBAUGH	INAC 10/55
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	8P	8P	FRANK J. NOREAU	2 3 5 7 C
GLASSBORO	3201	GLOUCESTER	2	39 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS	3416	WARREN	2	40 53	74 55	560		MID	EDWARD KOWALICK	C
GREENWOOD LAKE	3516	PASSAIC	8	41 00	74 20	660		7A	WATER SUPPLY COMM	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	MID	MID	GEORGE G. WAGOILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. N. DEPUE	2 3 5
LEESBURG STATE FARM	4762	CUMBERLAND	6	30 14	74 58	10	8A	8A	LEESBURG STATE FARM	2 3 5
LITTLE FALLS WATER CO	4887	PASSAIC	8	40 53	74 14	157	9A	9A	PASSAIC VLY WTR CO	2 3 5 C
LONG BRANCH	4967	MONMOUTH	1	40 18	73 59	34	MID	MID	STORM WARN. OSPL STA	2 3 5 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	1020		0A	NEWARK WATER DEPT	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GERDM BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	30 54	74 57	90		6P	DAVID GRISCOM	3
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P	ELMER EARLE	3
MIDLAND PARK	5503	BERGEN	8	40 50	74 00	210		MID	CORNELIUS HOWARD	3
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60		MID	L. J. GALLAHER	3 C
MILTON	5507	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	30 58	74 58	55	MID	8A	M. J. WILLARD	2 3 5 7
MORRIS PLAINS	5760	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 28	80	5P	5P	ARTHUR H. AHLQUIST	2 3 5 7
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR CONM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	F. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. DOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5
PHILLIPSBURG BRIDGE	6079	WARREN	2	40 42	75 12	196		0A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7070	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANTVILLE 1 N	7131	ATLANTIC	1	30 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 10	74 40	00		MID	PRINCETON WATER CO	3
RAHWAY	7303	UNION	9	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8104	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. HAVER	2 3 5 7
SPLIT ROCK POND	8402	NORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	6P	6P	BRICE B. STANTON	2 3 5 7
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MID	M. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID	E. H. RISTUW	2 3 5
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8899	OCEAN	1	39 35	74 22	45	8A	8A	VERNON W. MOTT	INAC 1/56
VINELAND	9135	CUMBERLAND	6	30 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 02	74 18	320		8A	WATER SUPPLY CONM	3 C
WATCHUNG	0271	UNION	8	40 40	74 25	-		MID	BONNIE BURN SAN.	C
WESTFIELD	9455	UNION	0	40 30	74 21	135		5P	TOWN ENGINEER	3 C
WOODCLIFF LAKE	0832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	9910	SALEM	2	39 40	75 20	16	6P	8A	WOODROW W. HALTER	INAC 2/56
CLOSED STATIONS										
NILLVILLE CAA AIRPORT	5581	CUMBERLAND	6	39 22	75 04	68	MID	MID	CIVIL AERO. ADM.	CLOSED 7/56

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 8 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

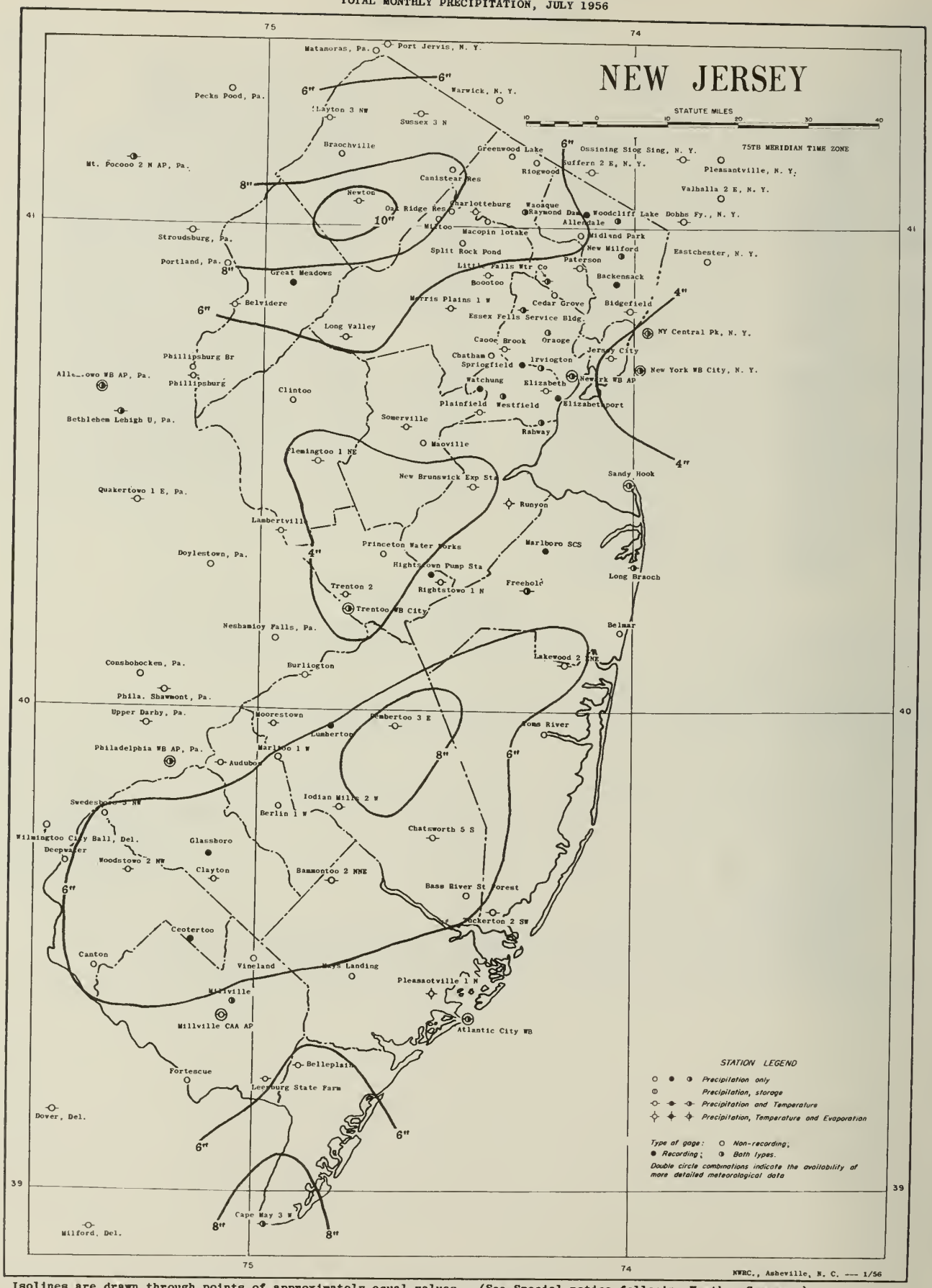
Long-term means for full-time Weather Bureau stations (those shown in the Station Index as United States Weather Bureau Stations) are based on the period 1921-1950, adjusted to represent observations taken at the present location.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+ And also on a later date or dates.
* Amount included in following measurement, time distribution unknown.
# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
AM Data based on observational day ending before noon.
B Adjusted to a full month.
C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in Hourly Precipitation Data.
O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
E Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
T Trace, an amount too small to measure.
V Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

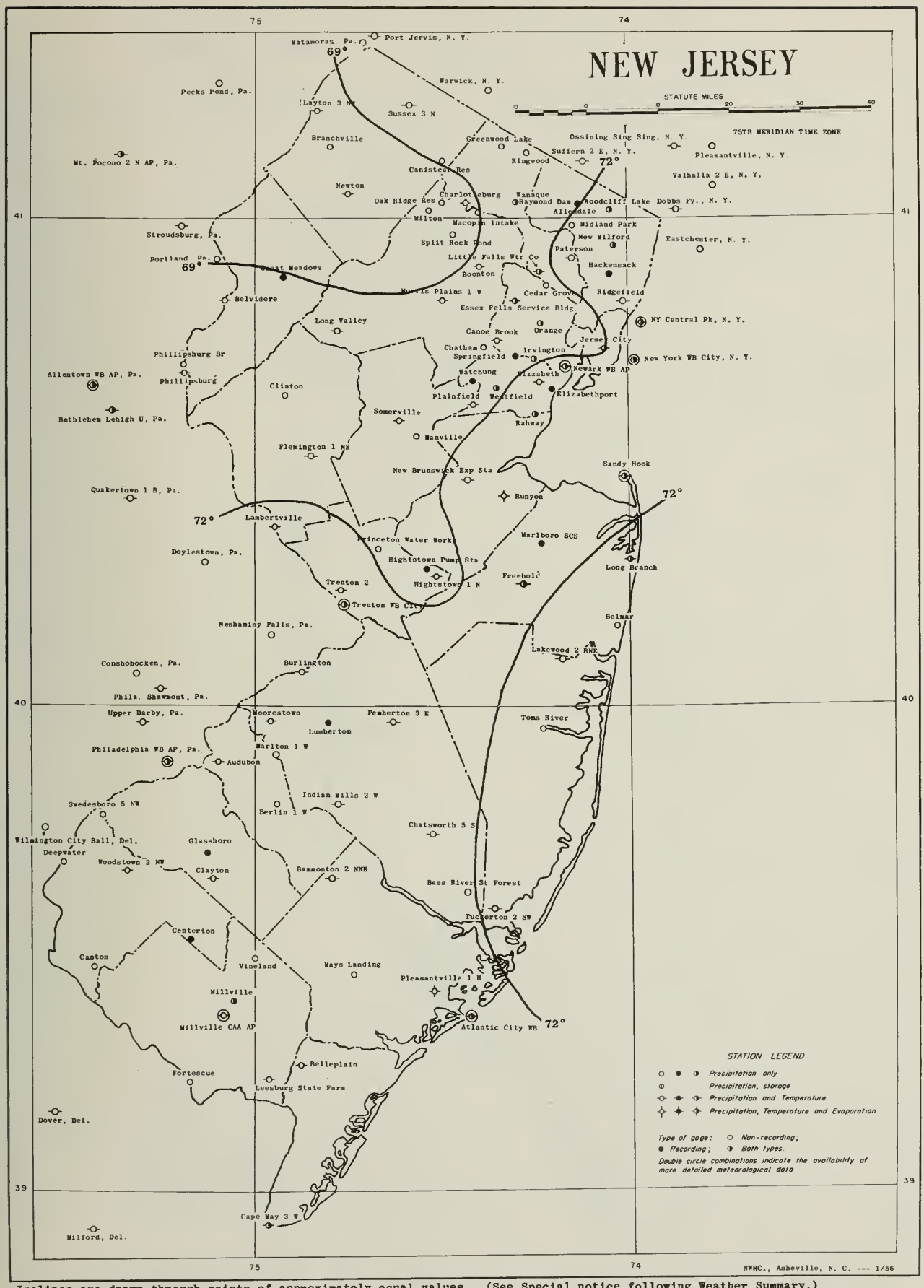
NWBC., Asheville, N. C. --- 9/4/56 --- 775

TOTAL MONTHLY PRECIPITATION, JULY 1956

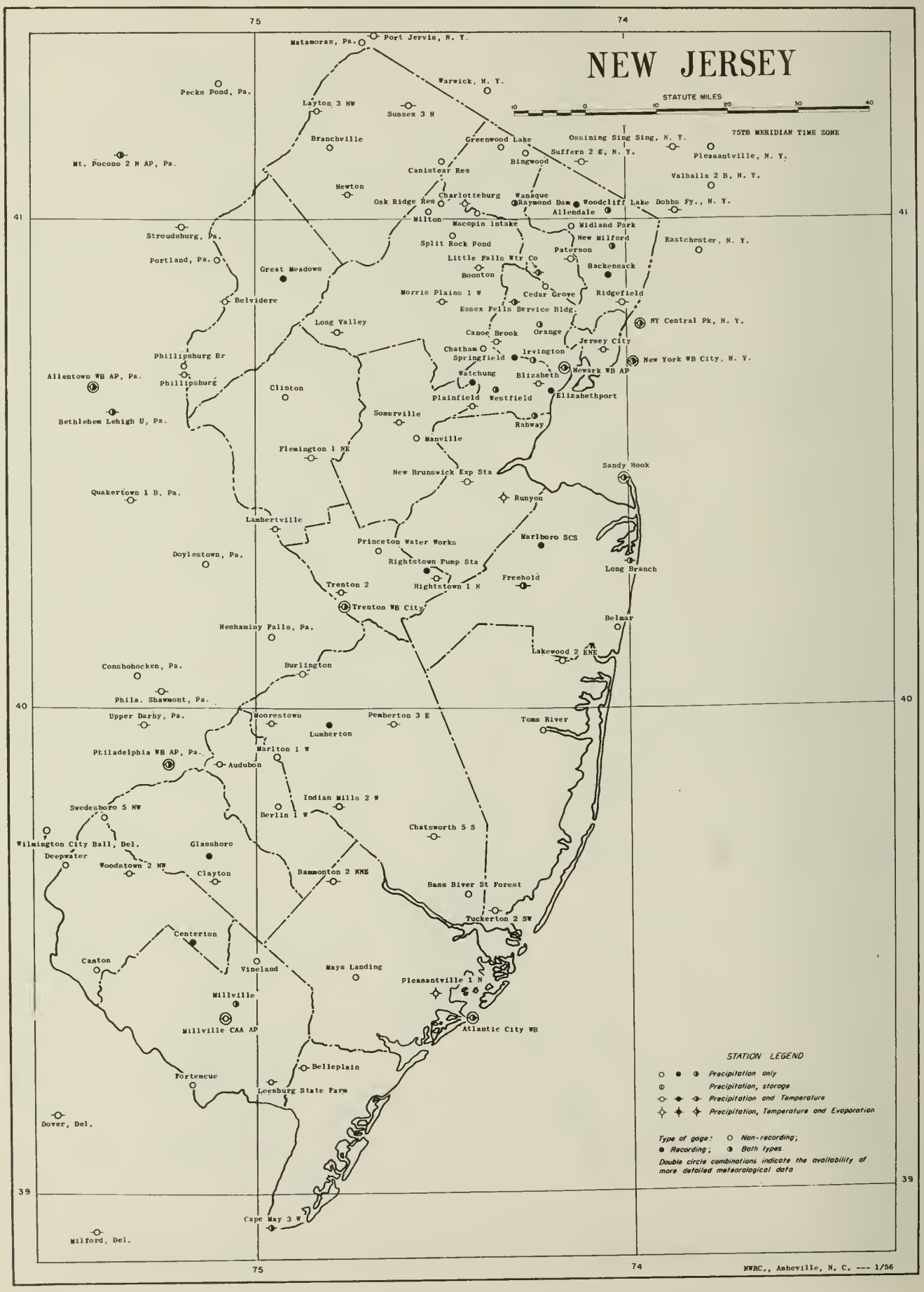


Isolines are drawn through points of approximately equal values. (See Special notice following Weather Summary.)

AVERAGE MONTHLY TEMPERATURE, JULY 1956



Isolines are drawn through points of approximately equal values. (See Special notice following Weather Summary.)


NEW JERSEY
STATUTE MILES
10 0 10 20 30 40
75TH MERIDIAN TIME ZONE
75
74
41
40
39
Matamoras, Pa.
Port Jervis, N. Y.
Warwick, N. Y.
Pecks Pond, Pa.
Layton 3 NW
Sussex 3 N
Branchville
Greenwood Lake
Ossining Sing Sing, N. Y.
Suffern 2 E, N. Y.
Pleasantville, N. Y.
Mt. Pocono 2 N AP, Pa.
Bingwood
Canistear Res
Valhalla 2 B, N. Y.
Newton
Charlotteburg
Wanaque
Oak Ridge Res
Raymond Dam
Woodcliff Lake
Dobbs Fy., N. Y.
Allendale
Milton
Macopin Intake
Midland Park
Stroudsburg, Pa.
Split Rock Pond
New Milford
Eastchester, N. Y.
Portland, Pa.
Little Falls Wtr Co
Paterson
Great Meadows
Boonton
Backensack
Morris Plains 1 W
Cedar Grove
Ridgefield
Belvidere
Essex Fells Service Bldg.
Long Valley
NY Central Pk, N. Y.
Canoe Brook
Orange
Jersey City
Chatham
Irvington
Phillipsburg Br
Springfield
New York WB City, N. Y.
Newark WB AP
Allentown WB AP, Pa.
Phillipsburg
Watchung
Blizabeth
Clinton
Plainfield
Westfield
Elizabethport
Bethlehem Lehigh U, Pa.
Somerville
Rahway
Manville
Flemington 1 NE
Sandy Hook
New Brunswick Exp Sta
Quakertown 1 B, Pa.
Runyon
Lambertville
Marlboro SCS
Princeton Water Works
Doylestown, Pa.
Rightstown Pump Sta
Long Branch
Freehold
Trenton 2
Hightstown 1 N
Trenton WB City
Belmar
Neshaminy Falls, Pa.
Lakewood 2 ENE
Conshohocken, Pa.
Burlington
Phila. Shawmont, Pa.
Upper Darby, Pa.
Moorestown
Pemberton 3 E
Toms River
Lumberton
Philadelphia WB AP, Pa.
Marlton 1 W
Audubon
Indian Mills 2 W
Swedesboro 5 NW
Berlin 1 W
Chatsworth 5 S
Wilmington City Ball, Del.
Glasshoro
Deepwater
Woodstown 2 NW
Clayton
Bamonton 2 NNE
Bass River St Forest
Tuckerton 2 SW
Centerton
Canton
Vineland
Mays Landing
Pleasantville 1 N
Millville
Millville CAA AP
Atlantic City WB
Belleplain
Fortescue
Leesburg State Farm
Dover, Del.
Cape May 3 W
Milford, Del.
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: Non-recording; Recording; Both types
Double circle combinations indicate the availability of more detailed meteorological data
NWRC., Asheville, N. C. --- 1/56

1.05
N8
ny 1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

AUGUST 1956
Volume LXI No. 8

THE LIBRARY OF THE
OCT 2 6 1956
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1956

WEATHER SUMMARY

GENERAL

Weather phenomena were hardly of headline caliber this month and about the nearest approach was a series of thunderstorms in northern and northeastern New Jersey the 28th-29th. Temperatures changed sufficiently at intervals of 6 to 11 days to alter the character of the weather from cool to warm or vice versa and most of the month's precipitation was associated with changes in the temperature regime.

The highest temperature was 97° at Burlington on the 18th and seven stations vied for second place with readings of 95°. Layton 3 NW recorded a low of 40° on the 25th to gain the distinction of having the lowest temperature in the State this month. Neither of the extremes were out of the ordinary. Precipitation totals ranged from 7.88 inches at Bass River St. Forest to 2.20 inches at Belleplain and departures from the long term means were negative in nearly all instances. The greatest amount in one day was 2.03 inches at Millville CAA Airport on the 21st. Data on cloudiness, percentage of sunshine, and number of days with maximum temperatures of 90° or higher portrayed this month's weather as about average.

WEATHER DETAILS

Minor changes in temperature occurred frequently but changes of sufficient magnitude to alter the classification from cooler than usual to warmer than usual or vice versa were a week or more apart. Temperatures on the opening day were about the seasonal average and the initial cool period extended from the 2nd to the 7th. Warm weather prevailed the 8th through the 19th and many areas experienced the highest temperature for the month around the 18th. A strong polar air mass overran New Jersey by evening of the 19th and tumbled temperatures sharply to begin the second cool weather period which brought the lowest temperatures of the month and lasted through the 26th. Warmer than average weather returned the 27th and remained through the end of the month. The time distribution of precipitation was quite regular. Rain occurred over most of the State during four periods: the 5th-6th, 12th-13th, 20th-21st, and the 28th-31st.

WEATHER EFFECTS

Weather conditions were relatively favorable for maturing late summer vegetables and for fall crops. Moisture was adequate except in isolated spots and comparatively dry weather afforded little interference in harvest and cultivation operations. The major portion of a good crop of lima beans was harvested. Green and red peppers of good quality moved in volume during August and supplies were expected to continue available until frost. Among the fall crops, broccoli, cauliflower, lettuce and spinach made good growth, and light harvesting got underway in some areas. Apples, peaches and grapes sized well and fair to good crops were indicated. Field corn, soybeans, and potatoes made good progress. Several rainless periods provided excellent opportunities for curing hay and growers made good headway in harvesting a third cutting of alfalfa. Streamflow decreased at considerably more than the usual seasonal rate.

DESTRUCTIVE STORMS

A series of thunderstorms struck northern and northeastern New Jersey during the evening of the 28th and early morning of the 29th. Lightning was the principal destructive feature. Several people suffered shock or burn injuries and innumerable buildings, trees and wires were struck by lightning. Overhead wires of the Lackawanna Railroad went down near Madison interrupting train service for about 7 hours. Heavy rains caused minor street flooding and some road washouts. Minor damage in the form of broken windows and torn shingles was attributed to strong winds.

FLOODS

No stream flooding was reported.

J. T. B. Beard, Climatologist
U. S. Weather Bureau
Weather Records Processing Center
Chattanooga, Tennessee

CLIMATOLOGICAL DATA

TABLE 2

NEW JERSEY
AUGUST 1956

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No. of Days: 10 or More	50 or More	1.00 or More
ATLANTIC CITY WB	R	79.0	67.9	73.5	.4	92	19	59	22	0	2	0	0	0	3.25	- 1.47	1.26	12	.0	0		6	3	1
AUDUBON		84.6	63.9	74.3		95	28	52	25	1	11	0	0	0	2.68		1.20	21	.0	0		6	2	1
BELLEPLAIN		84.6	62.1	73.4		94	18	49	23	3	6	0	0	0	2.20	- 3.68	1.14	5	.0	0		3	2	1
BELVIDERE		85.1	60.2	72.7	.0	95	17	48	25	2	10	0	0	0	4.04	- 1.12	1.46	31	.0	0		8	3	2
BOONTON	AM	80.9	58.8	69.9	- .9	91	18	47	26	13	2	0	0	0	4.24	- .72	.91	22	.0	0		9	4	0
BRIDGETON 1 NE	AM	81.9M	62.9M	72.4M		91	19	52	22+	5	4	0	0	0	3.27		1.17	21	.0	0		4	3	2
BURLINGTON		85.7	64.8	75.3		97	18	51	23	1	11	0	0	0	3.53	- 1.06	1.82	21	.0	0		5	2	1
CANOE BROOK	AM	81.3	59.2	70.3		92	19	46	26	14	3	0	0	0	3.67	- 1.75	1.40	21	.0	0		7	3	1
CAPE MAY 3 W		82.7	67.4	75.1		92	19	57	23	0	4	0	0	0	2.30		1.86	5	.0	0		2	1	1
CHARLOTTEBURG	AM	78.7	54.0	66.4	- 3.0	88	18+	41	3+	50	0	0	0	0	3.90	- 1.08	1.44	7	.0	0		7	2	1
CHATSWORTH 5 S				M																				
CLAYTON		83.2	61.5	72.4		93	18	51	22+	11	4	0	0	0	3.90		1.12	21	.0	0		7	3	1
ELIZABETH		84.5	62.6	73.6		95	18	50	26	1	8	0	0	0	3.36	- 1.65	1.51	21	.0	0		5	2	2
ESSEX FELLS SERV BLDG	AM	80.7	59.6	70.2		94	20	45	25	10	3	0	0	0	5.00		1.57	14	.0	0		8	4	2
FLEMINGTON 1 NE		84.5	58.8	71.7	- 1.9	94	18	45	25+	8	7	0	0	0	3.18	- 2.15	1.56	21	.0	0		8	1	1
FREEHOLD		83.2	61.9	72.6	- .5	93	18	50	25	6	3	0	0	0	2.89	- 2.11	1.43	21	.0	0		5	2	1
HAMMONTON 2 NNE	AM	84.5	62.7	73.6		95	29	52	23	5	9	0	0	0	2.85	- 3.10	1.25	21	.0	0		6	2	1
HIGHTSTOWN 1 N		82.4	61.8	72.1		92	18+	49	25	6	3	0	0	0	3.15	- 1.62	1.40	21	.0	0		5	2	1
INDIAN MILLS 2 W		83.9	60.5	72.2	- .7	94	28	47	25	7	7	0	0	0	3.16	- 2.45	1.40	21	.0	0		4	3	1
JERSEY CITY		80.3	65.1	72.7		91	28	55	25	5	1	0	0	0	3.95	- .55	1.55	6	.0	0		6	2	2
LAKEWOOD 2 ENE		82.0	60.2	71.1	- 1.4	94	18+	47	23+	18	5	0	0	0	3.82	- 1.32	1.20	13	.0	0		5	4	2
LAMBERTVILLE		84.0	61.0	72.5		94	18	49	25+	2	7	0	0	0	2.86	- 2.52	1.36	21	.0	0		7	1	1
LAYTON 3 NW		82.8	54.4	68.6	- 1.1	91	17	40	25	19	3	0	0	0	3.36	- 1.19	1.37	21	.0	0		6	2	1
LEESBURG STATE FARM	AM	82.0	62.3	72.2		92	20	51	23	7	1	0	0	0	3.53		.95	6	.0	0		4	4	0
LITTLE FALLS WATER CO	AM	83.2	60.0	71.6	- 1.2	94	19	49	25+	5	5	0	0	0	4.28	- .99	1.00	21	.0	0		8	4	1
LONG BRANCH		81.5	62.8	72.2	- .6	92	18	51	23	8	3	0	0	0	2.64	- 2.73	1.02	21	.0	0		5	2	1
LONG VALLEY		81.5	57.5	69.5		91	18	42	25+	26	3	0	0	0	3.78	- 1.53	1.34	31	.0	0		7	2	1
MILLVILLE CAA AIRPORT		83.2M	63.2M	73.2M		93	19	51	22	7	6	0	0	0	3.95		2.03	21	.0	0		6	3	1
MOORESTOWN		83.1	62.9	73.0	- .1	93	28+	50	25	4	6	0	0	0	2.90	- 2.03	1.42	21	.0	0				
MORRIS PLAINS		82.5	59.0	70.8		92	18	45	3	16	3	0	0	0	4.93		1.21	21	.0	0		7	4	2
NEWARK WB AIRPORT	R	82.4	65.0	73.7	.6	95	18	55	26	2	5	0	0	0	3.08	- 1.11	1.01	21	.0	0		6	3	1
NEW BRUNSWICK EXP STA		83.1	62.5	72.8	- .3	91	18+	51	25+	5	5	0	0	0	4.67	- .11	1.50	21	.0	0		7	4	2
NEWTON	AM	80.3	56.7	68.5		91	18+	41	25	33	3	0	0	0	2.97	- 1.69	.97	21	.0	0		6	3	0
PATERSON	AM	83.5	62.5	73.0		95	19	52	26	3	8	0	0	0	2.83	- 2.21	.90	21	.0	0		7	2	0
PEMBERTON 3 E		84.1	60.5	72.3	- 1.7	93	18+	46	25	7	6	0	0	0	3.98	- .95	1.52	21	.0	0		5	3	2
PHILLIPSBURG		84.7	60.4	72.6	.3	93	17+	48	25	3	4	0	0	0	3.32	- 1.99	1.30	21	.0	0		8	2	1
PLAINFIELD		82.4	61.5	72.0	- 1.1	93	18	48	25	7	4	0	0	0	3.66	- 1.74	1.40	21	.0	0		4	3	2
PLEASANTVILLE 1 N	AM	82.3	62.7	72.5	- .4	93	15+	52	22+	9	3	0	0	0	3.71	- 2.12	1.32	12	.0	0		6	2	1
RIDGEFIELD		82.4	62.5	72.5	- .5	93	18	51	25	3	4	0	0	0	3.61	- 1.12	1.08	21	.0	0		6	3	2
RUNYON		85.5	59.0	72.3		95	18	43	25	10	11	0	0	0	3.46	- .95	1.46	21	.0	0		6	3	1
SANDY HOOK LBSTA		80.8	66.9	73.9	- .2	91	19	57	21	3	3	0	0	0	4.88	.33	1.99	14	.0	0		5	4	2
SOMERVILLE		84.1	59.8	72.0		94	18	46	26	1	6	0	0	0	3.08	- 2.33	1.60	21	.0	0		4	2	1
SUSSEX 3 N		81.2	58.0	69.6		91	17+	42	25	13	2	0	0	0	2.61	- 2.26	1.19	21	.0	0		5	1	1
TRENTON 2		83.6	63.5	73.6		93	18+	53	22+	2	4	0	0	0	3.92	- 1.67	1.26	21	.0	0		5	4	2
TRENTON WB CITY	R	82.6	65.2	73.9	.7	93	28	54	22	2	4	0	0	0	3.73	- .86	1.10	21	.0	0		5	4	1
AVERAGE				72.1											3.50				.0					

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Percent of time from prevailing	Wind speed m. p. h.: Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Relative humidity averages - percent: 1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Number of days with precipitation: Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB CITY	-	-	14.0	41	E	21	-	-	-	-	1	0	3	2	1	0	7	84	5.0
LONG BRANCH	SW	12	13.1	40	N	28	-	82	83	68	4	2	3	1	1	0	11	68	5.3
NEWARK WB AIRPORT	SW	12	7.9	24	NNW*	28	79	79	54	66	6	2	3	2	1	0	14	-	5.8
TRENTON WB CITY	-	-	7.1	29	N	28	-	-	-	-	2	3	1	3	1	0	0	65	5.1

* This datum is obtained by visual observation since recording equipment is not available. It is not necessarily the fastest mile occurring during the period.

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
AUGUST 1956

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
ATLANTIC CITY WB R	3.25					.50	.13						1.26	.37							.49	.50										
AUDUBON	2.68					.53	.33						T		.10						.22	1.20							T	.30		
BASS RIVER ST FOREST	7.88					.85	.52						.64		.66						.03	1.76	.03							1.63		1.76
BELLEPLAIN	2.20					1.14															.12	.01	.03									
BELMAR	3.07					.61	.40					.46	.08								.58	.84							.10			
BELVIDERE	4.04					.14	.10	.11						.45						.05	.13	1.00			T					.05		1.46
BERLIN 1 W	2.81						.64	.45														1.52										
BOONTON	4.24						.10	.73				.06			.26		.64				.12		.91	.23						.45		.74
BRANCHVILLE		RECORD MISSING																														
BRIDGETON 1 NE	3.27					1.05	.04	.12						.02	.75	.02					.03	1.17	.04	.02				.01				
BURLINGTON	3.53					.96	.23	.30													.16	1.82										.06
CANISTEAR RESERVOIR	3.52							1.10				T			.27					.24	T	.08	.11							.06		.76
CANOE BROOK	3.67		.01			T	.23	.06				T			.10							1.40	.13	T		T				.58	T	.26
CANTON	3.01					1.55	.06	.12							1.10						.07	1.01										
CAPE MAY 3 W	2.30					1.86		.05													.00	.30						T				
CEDAR GROVE	4.41						.23	1.00				.20			.88							1.30	.19							.12		.40
CHARLOTTEBURG	3.00						.12	1.44	.03						.25		.04			.40		.80	.26							.07		.49
CHATHAM	3.42		.01			T	.20	.05				T			.11					.05		1.29	.14							.57		.10
CHATSWORTH 5 S		RECORD MISSING																														
CLAYTON	3.90					.69	.24	.22					.66		.47						.08	1.12										.42
CLINTON	3.31					.10	.06	.13						.05	.05						.08	1.34							1.24			.26
DEEPWATER	3.12					.77	.22							.15	.30						.54	.01										.23
ELIZABETH	3.36		.01			.12	.17				.01			.01	.06						.20	1.51						.01	T	1.25		.01
ELIZABETHPORT	3.65					.08	.90				T			.28					.14		.30	1.14							.63	.07		.02
ESSEX FELLS SERV BLDG	3.00						.13	.73					.05		1.57		.32					1.02	.12						.72			.32
FLEMINGTON 1 NE	3.18	T				.11	.17	.13			.12		.02	.06	.20					T	.25	1.56						T		.40		.07
FREENOLD	2.80					.18	.72	.20					.05	.04	.21						.06	1.43										
GREENWOOD LAKE	2.00						.00	.70					T		.27				.12	.44		.73	.17			T		T		.02		.36
HAMMONTON 2 NNE	2.85					.62	.08	.36					.11	.22	.16							1.25	.05									
HIGHTSTOWN 1 N	3.15					.18	.04	.20					T	.06							.23	1.40						T	T	.05		T
INDIAN MILLS 2 W	3.16					.58	.53	.06					.45		T						.08	1.40	T							T		.06
IRVINGTON	3.55					.14	.00	T						.04							.40	1.02							.85	.04		.07
JERSEY CITY	3.05					.07	1.55				.23			.04							.24	1.21							.44			.17
LAKEWOOD 2 ENE	3.82					.20	.65	.02						1.20							.60	1.06							T		T	
LAMBERTVILLE	2.86					.33	.13	.40						T							.14	1.36	.02							.30		.18
LAYTON 3 NW	3.36						.16	.32	.02				.01	.35	.03					.06	.04	1.37			.02				.02	.13		.83
LEESBURG STATE FARM	3.53					.88	.05	.08							.56						.08	.02	.06									
LITTLE FALLS WATER CO	4.28						.10	.83				.06			.41		.25			.06		1.00	.16							.62		.70
LONG BRANCH	2.64					.12	.74				T		.03	.01	T						.47	1.02							.25		T	T
LONG VALLEY	3.78		.01			.15	.40							.48					.02		.23	.00							.25			1.34
MACOPIN INTAKE	4.21						.11	1.45							.13					.75	T	1.06	.02							.08		.61
MANVILLE	3.82					.08	.83							.75						T	.30	1.34							.45	.07		
MARLTON 1 W	2.60					.50	.51						.10		.04						.10	1.23								.12		
MAYS LANDING	4.17					.51	.50		.05				1.00		.05						.10	1.00									.06	
MIDLAND PARK	2.79					.03	.64	.01						.14					.63			.80							.04	.04		.46
MILLVILLE	4.26					.88	.21	.04						.84				.43			1.10	.76										
MILLVILLE CAA AIRPORT	3.95	T				.63	.22	.25							.55						.21	2.03	.06									
MILTON	4.13						.12	1.08				.04			.43		.05			.27	.62	.50								.12		.81
MOORESTOWN	2.90					*	.60	.46								.01						1.42	.15								.20	.06
MORRIS PLAINS	4.03					.10	.70	.48				T	T	.00	1.03					T	T	1.21			T					.44	T	.00
NEWARK WB AIRPORT R	3.08					.10	.83							.04					.06		.30	1.01							.62			.12
NEW BRUNSWICK EXP STA	4.67					.12	.68	.20			T			.05	1.14					T	.23	1.50							T	.75		T
NEW MILFORD	2.50					.04	.68							.12					.10		.18	.72							.30	.08		.28
NEWTON	2.97						.03	.56			T	.01			.43					.08		.07	.12							.21		.56
OAK RIDGE RESERVOIR	4.32						.10	1.25				.02			.30		.02			.54		1.02	.17						.00		.72
ORANGE	3.32					.06	.94							.11		.02			.18		.31	1.06							.46	.01		.17
PATERSON	2.83					T	.00	.75	.02			.01		T	.18		.10			T		.00	.14			T				.32	T	.32
PEMBERTON 3 E	3.08					1.05	.23	.84			.02		.10		.05						.08	1.52										
PHILLIPSBURG	3.32					.20	.10	.25					.00	T	.10	T	T				.20	1.30			T					.67		.32
PHILLIPSBURG BRIDGE	3.82					.35	.08								.10					.16	1.24	.00								.53		1.27
PLAINFIELD	3.66					.04	1.28	.05			T			.01	.24					.03	.03	1.40								.55		.03
PLEASANTVILLE 1 N	3.71					.23	.45	.31					1.32	.32							T	.95	.08							.05	T	
PRINCETON WATER WORKS	3.29					.17	1.20	T			T			T							.42	1.25							.25			T
RAHWAY	3.67					.06	1.36	T						.17					T		.15	1.23							.40	.12		.18
RIDGEFIELD	3.61					.05	1.04	T			.05			.74		T			.01	T	.15	1.08	T						.27	.03	T	.10
RINGWOOD	3.02						.12	.72	T						.24					.42	.03	.80	T		T					.20		.40
RUNYON	3.46					.10	.82	.22						.00	.10						T	1.46								.61	.06	
SANDY HOOK LBSTA	4.88					.00	.57	T							1.00						T	1.16								.70		.37
SOMERVILLE	3.08					.08	.32	.10						.07	.05					T		1.60								.80		.06
SPLIT ROCK POND	4.84						.10	1.18				.10			.21		.07			.41		1.04	.10							.30		1.33
SUSSEX 3 N	2.61	T				T	.47	.07			.01	T	.22							.02	.11	1.10							T	.06		.46
SWEDESBORO 5 NW	2.77					.70	.07	.22					.02	T	.01		T					1.62	.02	T								.11
TOMS RIVER	2.47					.27	.37														.08	1.55								.20		
TRENTON 2	3.02					.42	1.04							.51							.53	1.26							.00			.07
TRENTON WB CITY R	3.73					.41	.87						.02	.67							.56	1.10			T				.04		T	.06
VINELAND	2.03					.60	.10	.21						.01	.48				.04		.03	1.32	.05									
WANAQUE RAYMOND DAM	2.60						.14	.78							.13					.21		.76	.11							.00		.38
WESTFIELD	4.12					.13	1.16				T			.07					.13		.20	1.27							.92	.18		.06
WOODCLIFF LAKE	2.76					.12	.64							.10					.56		.14	.56							.22	.04		.38

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	76	74	74	79	71	71	79	85	84	90	87	80	79	83	84	81	82	82	92	76	67	71	70	80	74	75	78	89	80	78	79	79.0
	MIN	70	69	62	64	67	66	66	65	69	73	69	68	70	74	69	72	72	75	74	64	62	59	61	66	60	67	67	71	71	70	73	67.9
AUDUBON	MAX	86	81	81	83	73	71	83	86	91	90	88	90	86	87	90	90	91	94	92	80	68	78	80	78	80	81	85	95	90	86	90	84.6
	MIN	66	66	57	56	65	66	65	63	64	72	63	68	67	70	66	65	66	68	76	63	59	53	54	60	52	56	63	69	65	67	71	63.9
BELLEPLAIN	MAX	84	83	79	82	78	75	80	85	89	89	89	89	88	88	89	90	88	94	92	90	69	75	78	80	79	80	86	92	89	84	91	84.6
	MIN	66	67	53	54	65	66	64	62	63	73	60	65	67	66	62	62	60	65	68	65	61	50	49	57	50	52	63	67	67	64	71	62.1
BELVIDERE	MAX	88	84	83	85	76	70	86	89	92	90	91	89	84	86	90	92	95	94	90	80	72	76	80	80	81	81	84	94	92	80	85	85.1
	MIN	63	63	50	51	64	65	61	60	63	70	61	62	61	66	59	60	62	64	63	63	59	50	54	60	48	49	59	61	61	65	70	60.2
BOONTON	MAX	78	84	79	80	81	70	67	83	85	84	86	85	87	81	83	86	88	91	90	86	71	69	78	75	76	76	78	81	89	88	73	80.9
	MIN	54	64	49	51	57	63	63	58	64	69	59	60	60	64	63	58	58	58	68	65	58	49	54	53	50	47	52	64	64	64	64	58.8
BRIDGETON 1 NE	MAX	80	84	78	79	79	69	73	81	84	88	87	86	89	87	84	87	88	88	91	90	73	67	77	78	78	77	79	83	90			81.9
	MIN	66	67	57	56	65	66	65	63	63	72	61	66	65	69	65	63	64	64	77	68	61	52	54	58	52	53	60	67	64			62.9
BURLINGTON	MAX	86	83	82	80	78	71	83	89	92	91	90	90	86	88	91	92	94	97	92	86	68	79	78	81	81	82	86	96	91	85	89	85.7
	MIN	67	70	59	57	65	66	66	65	65	72	65	69	68	69	68	65	66	68	76	65	60	54	51	59	54	56	62	69	72	68	72	64.8
CANOE BROOK	MAX	80	86	79	82	82	70	68	80	84	89	88	87	88	80	83	87	88	91	92	81	70	67	75	75	76	78	79	82	91	88	75	81.3
	MIN	59	62	49	50	64	66	59	58	60	68	59	60	59	63	56	59	62	61	70	66	60	53	53	55	47	46	58	60	64	64	66	59.2
CAPE MAY 3 W	MAX	81	78	79	80	75	75	80	81	86	88	88	86	85	84	87	88	90	88	92	91	74	74	75	79	79	79	80	91	85	83	84	82.7
	MIN	68	70	62	66	67	66	66	59	70	72	73	71	72	73	73	68	64	72	76	69	63	58	57	65	59	63	68	70	69	68	71	67.4
CHARLOTTEBURG	MAX	76	80	77	78	80	69	67	80	82	86	85	83	84	78	81	84	85	88	88	83	67	67	75	72	73	75	76	78	88	85	70	78.7
	MIN	49	61	41	44	47	61	61	50	57	63	59	55	54	59	54	54	56	58	58	62	56	44	48	50	43	41	47	56	63	60	64	54.0
CHATSWORTH 5 S	MAX																																
	MIN																																
CLAYTON	MAX	88	83	80	79	76	72	82	85	88	87	87	88	85	85	88	89	87	93	91	84	66	67	76	78	78	80	82	92	88	85	90	83.2
	MIN	64	66	56	55	62	64	62	62	63	69	61	64	64	68	64	61	64	67	72	63	56	51	52	57	51	52	59	64	62	64	69	61.5
ELIZABETH	MAX	88	82	83	86	80	70	81	87	92	89	89	90	83	85	91	90	91	95	91	82	68	75	75	80	81	83	85	93	89	83	82	84.5
	MIN	62	68	52	55	64	67	63	61	64	71	63	64	64	67	62	64	66	66	73	67	59	55	54	59	51	50	62	64	65	68	72	62.6
ESSEX FELLS SERV BLDG	MAX	79	82	76	78	84	69	68	73	74	85	86	88	85	81	82	84	85	89	93	94	78	76	75	75	74	77	82	90	85	82	74	80.7
	MIN	55	64	52	52	62	60	60	61	55	61	58	65	66	64	60	59	58	61	69	70	58	59	58	52	45	49	55	63	67	66	65	59.6
FLEMINGTON 1 NE	MAX	87	85	81	83	78	69	83	86	90	89	88	88	88	85	89	90	92	94	91	84	71	78	78	77	78	81	83	92	91	85	86	84.5
	MIN	62	60	47	49	60	65	65	56	61	70	62	60	57	65	58	58	60	61	69	63	58	48	51	53	45	45	59	59	64	62	70	58.8
FREEHOLD	MAX	84	84	79	83	78	69	80	85	89	88	86	88	84	84	88	88	90	93	89	85	67	75	76	78	78	79	83	92	88	83	86	83.2
	MIN	63	67	52	55	62	66	64	59	64	70	61	65	64	67	63	63	64	65	75	65	57	52	51	56	50	54	61	65	63	65	70	61.9
HAMMONTON 2 NNE	MAX	80	90	80	84	86	69	72	84	88	93	92	85	85	88	89	91	83	94	93	90	77	66	79	79	83	83	80	85	95	92	86	84.5
	MIN	63	66	55	57	64	60	63	61	66	70	64	65	67	70	65	66	62	66	73	68	61	53	52	56	58	53	59	64	64	65	68	62.7
HIGHTSTOWN 1 N	MAX	85	79	80	82	72	68	79	85	89	87	86	88	83	84	88	89	90	92	88	75	65	78	76	78	78	78	82	92	88	85	85	82.4
	MIN	64	68	51	53	63	66	64	59	63	71	62	66	63	68	62	61	63	65	75	64	58	52	50	57	49	52	61	67	63	64	71	61.8
INDIAN MILLS 2 W	MAX	86	81	81	83	72	71	81	86	91	89	88	86	85	85	89	90	92	93	91	77	67	79	77	79	80	79	85	94	90	85	89	83.9
	MIN	64	65	52	50	63	65	64	58	60	70	59	63	63	68	62	59	59	64	75	63	59	49	48	56	47	49	58	66	62	63	71	60.5
JERSEY CITY	MAX	82	78	78	82	79	68	70	86	88	87	85	86	87	83	88	82	84	89	87	74	65	69	70	78	76	78	80	91	87	76	77	80.3
	MIN	71	67	57	60	67	65	63	64	68	73	66	70	60	70	68	67	68	72	74	60	58	58	58	62	55	59	67	68	67	67	69	65.1
LAKEWOOD 2 ENE	MAX	85	76	81	84	68	67	79	86	91	88	89	83	81	86	89	85	93	94	91	72	65	74	72	80	77	78	84	94	89	79	82	82.0
	MIN	63	55	49	52	60	66	65	56	63	69	58	66	63	65	63	60	62	76	72	63	53	50	47	51	47	51	60	65	63	62	71	60.2
LAMBERTVILLE	MAX	86	82	80	82	73	71	83	86	90	88	87	87	85	86	87	90	92	94	91	85	68	77	79	78	78	80	83	93	91	85	86	84.0
	MIN	63	68	50	50	64	66	63	59	62	72	61	64	61	66	60	60	62	63	76	64	59	52	51	59	49	49	58	62	64	64	71	61.0
LAYTON 3 NW	MAX	84	80	81	84	80	70	84	85	90	88	88	82	85	85	88	88	91	90	86	80	76	77	75	75	80	80	78	87	87	79	85	82.8
	MIN	55	53	42	43	58	60	58	55	50	68	55	55	55	63	54	55	55	58	64	55	54	43	50	54	40	43	53	52	60	61	65	54.4
LEESBURG STATE FARM	MAX	79	83	80	80	80	70	77	81	86	86	89	86	89	85	83	86	85	88	89	92	74	68	74	76	79	77	78	81	89	88	84	82.0
	MIN	63	62	54	54	65	65	64	63	62	69	61	61	67	69	67	63	62	65	72	66	62	52	51	57	52	53	63	66	68	64	69	62.3
LITTLE FALLS WATER CO	MAX	80	87	80	83	83	72	72	85	88	90	89	88	88	82	85	89	89	93	94	88	75	70	76	76	78	79	81	82	92	90	75	83.2
	MIN	60	64	50	52	55	65	61	57	61	71	62	61	62	65	60	60	62	64	67	66	58	55	52	59	49	49	53	65	65	65	65	60.0
LONG BRANCH	MAX	84	77	80	84	74	69	79	86	90	88	86	86	80	85	87	85	88	92	88	74	65	73	72	78	77	80	83	91	84	79	83	81.5
	MIN	65	60	57	57	65	66	66	60	65	71	63	67	66	67	64	63	65	66	74	63	57	55	51	56	52	55	63	67	64	66	72	62.8
LONG VALLEY	MAX	84	78	77	87	76	67	80	84	87	86	85	84	80	82	85	87	90	91	87	78	67	76	75	76	76	78	84	90	86	82	82	81.5
	MIN	65	57	44	46	60	64	59	58	59	67	61	58	56	67	59	56	58	60	68	61	57	45	50	50	42	42	61	59	63	61	70	57.5
MILLVILLE CAA AIRPORT	MAX	81	85	81	83	82	69	75		85	89	89	88	90	87	84	88	90	89	93		73	67	76	79	78	78	83	84	92	90	86	83.2
	MIN	67	69	56	58	64	66	65		65	74	64	67	66	67	66	65	63	67		66	61	51	52	59	54	54	62	61	66	66	71	63.2
MOORESTOWN	MAX	87	80	79	80	70	70	82	84	89	88	87	88	85	86	89	90	91	92	90	70	68	77	78	78	78	78	84	93	93	84	89	83.1
	MIN	64	62	54	54	65	65	65	62	63	72	64	68	64	68	66	63	63	68	74	67	55	52	53	57	50	54	62	70	70	65	70	62.9
MORRIS PLAINS	MAX	83	84	79	81	81	66	81	85	87	87	86	86	86	83	85	88	91	92	90	83	68	75	76	76	75	78	79	89	89	87	82	82.5
	MIN	60	65	45	49	60	64	63	57	59	67	61	60	58	66	62	57	59	62	70	63	56	47	52	55	50	46	59	61	64	63	68	59.0
NEWARK WB AIRPORT	MAX	85	79	80	84	71	70	82	87	92	90	88	90	82	86	89	85	89	95	89	74	66	72	72	78	79	80	83	92	89	76	80	82.4
	MIN	66	65	59	60	66	66	65	64	68	73	67	68	68	69	66	67	69	69	74	62	59	57	59	61	56	55	65	66	66	68	73	65.0
NEW BRUNSWICK EXP STA	MAX	84	84	78	82	80	70	80	85	88	88	87	87	85	84	86	85	90	91	91	87	68	75	75	77	76	78	81	91	90	87	85	83.1
	MIN	63	67	55	65	63	66	64	61	65	71	64	65	63	69	63	62	64	66	74	65	58	52	52	52	51	51	61	65	64	65	71	62.5
NEWTON	MAX	79	82	77	79	83	70	67	81	84	89	87	82	85	77	82	87	87	91	91	86	66	67	75	75	74	76	79	79	90	88	73	80.3
	MIN	59	61	43	46	50	63	61	55	58	69	60	59	55	65	54	56	58	59	67	61	56	47	52	58	41	43	53	61	63	63	63	56.7
PATERSON	MAX	81	88	80	83	86	70	70	82	88	91	91	89	90	82	85	90	89	92	95	89	72	68	75	78	80	81	83	85	91	90	74	83.5
	MIN	60	65	54	59	65	65	62	61	65	71	63	66	64	67	69	62	64	67	73	65	57	56	55	59	57	52	57	66	65	65	65	62.5
PEMBERTON 3 E	MAX	85	81	81	82	73	71	81	87	90	88	87	87	86	85	88	90	91	93	91	87	66	78	77	81	79	79	84	93	89	88	88	84.1
	MIN	64	64	51	49	67	66	63	58	67	66	60	59	62	68	62	60	61	63	71	64	59	49	51	57	46	49	60	68	62	61	68	60.5
PHILLIPSBURG	MAX	85	82	80	82	83	70	84	86	88	89	89	87	86	86	87	89	93	93	93	88	68	82	78	79	77	81	82	91	88	89	89	84.7
	MIN	62	66	51	50	63	65	63	61	62	69	62	61	60	67	62	58	61	62	67	64	59	51	53	58	48	53	60	59	68	64	63	60.4
PLAINFIELD	MAX	87	81	81	83	73	70	82	86	90	88	87	88	80	84	88	88	91	93	88	69	65	77	75	78	79	79	82	91	88	80	83	82.4
	MIN	61	67	53	58	63	66	64	59	64	71	62	63	62	68	60	61	63	64	73	65	59	51	52	56	48	49	61	64	65	67	66	61.5
PLEASANTVILLE 1 N	MAX	78	82	78	78	82	69	72	82	86	87	89	89	88	89	93	93	86	88	89	92	76	67	74	74	79	77	78	84	84	86	82	82.3
	MIN	59	70	58	61	66	68	65	64	64	68	61	64	66	69	67	63	61	67	69	67	62	52	52	52	52	53	56	57	67	71	72	62.7
RIDGEFIELD	MAX	86	80	80	83	71	69	82	87	90	89	87	89	82	84	87	88	91	93	88	74	66	73	77	78	78	81	83	90	88	78	80	82.4
	MIN	66	58	52	55	65	66	63	59	62	73	64	65	63	68	62	63	66	66	74	67	57	59	56	56	51	52	63	67	66	66	67	62.5

See Reference Notes Following Station Index

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RUNYON	MAX	84	85	82	84	79	72	81	90	92	93	92	91	85	89	91	89	94	95	93	87	68	75	79	80	81	81	85	94	90	84	84	85.5
	MIN	62	58	48	48	60	67	63	62	70	68	59	59	58	63	56	55	66	68	71	61	55	55	46	47	43	46	57	61	63	62	72	59.0
SANDY HOOK LBSTA	MAX	81	76	82	86	75	69	77	85	90	89	90	87	80	85	85	81	86	88	91	80	66	71	71	77	76	79	79	86	82	76	79	80.8
	MIN	67	69	63	63	65	63	65	66	72	72	70	72	71	71	71	69	70	69	75	66	57	59	62	65	63	63	65	67	67	68	70	66.9
SOMERVILLE	MAX	86	83	81	83	76	69	84	86	90	89	88	89	81	86	88	90	93	94	90	75	78	79	78	80	80	81	83	92	87	81	86	84.1
	MIN	61	56	50	51	62	66	64	59	60	71	61	61	60	66	59	59	61	62	70	60	58	51	53	56	51	46	60	60	64	64	72	59.8
SUSSEX 3 N	MAX	82	82	79	80	72	67	80	83	87	86	85	85	83	83	85	89	91	91	86	79	69	76	80	75	76	79	78	85	88	72	83	81.2
	MIN	60	59	46	48	59	63	58	60	58	67	59	58	57	65	57	56	60	61	68	68	60	52	58	55	42	45	55	59	59	59	68	58.0
TRENTON 2	MAX	86	83	79	84	71	70	84	86	90	88	87	89	86	85	88	89	91	93	89	75	67	77	81	79	79	81	85	93	88	83	87	83.6
	MIN	66	68	55	56	64	65	64	62	64	72	65	69	65	69	65	64	64	68	75	62	58	53	53	60	54	55	62	68	65	65	72	63.5
TRENTON WB CITY	MAX	86	80	80	82	70	69	82	86	90	88	86	88	84	84	87	88	90	91	88	74	66	78	76	77	77	79	84	93	88	83	86	82.6
	MIN	68	65	59	60	65	66	66	65	67	73	68	70	68	71	68	66	67	70	74	62	59	54	55	61	57	59	65	69	67	66	72	65.2

Table 6

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
CANOE BROOK	EVAP	-	.18	.15	.02	.22	-	-	-	-	-	-	.11	.17	.05	.13	.10	.12	.12	.06	.07	.15	.14	.05	.17	.10	.12	.08	.13	.18	.08	.08	B3.59
	WIND	3	3	9	7	4	7	10	10	13	2	7	7	4	4	7	5	3	3	3	9	5	4	14	16	13	4	5	3	9	5	7	205
PLEASANTVILLE 1 N	EVAP	.16	.30	.21	.23	.25	.05	.03	.18	.12	.12	.26	.30	.23	.05	.16	.25	.13	.16	.25	.21	.15	.00	.13	.27	.05	.14	.15	.25	.00	.38	.07	5.24
	WIND	33	22	13	25	19	30	28	22	27	20	32	15	29	12	42	14	22	10	32	48	11	4	45	6	34	34	9	26	15	10	19	708
RUNYON	EVAP	.24	.24	.23	.22	.23	.21	.23	.24	.19	.17	.15	.13	.13	.10	.27	.26	.25	.22	.22	.36	.35	.34	.32	.31	.29	.28	.27	.32	.30	.31	.31	7.69
	WIND	3	4	6	5	4	5	6	6	7	5	9	2	3	2	2	1	2	3	6	3	5	5	10	3	3	4	3	6	6	2	2	133

DAILY SOIL TEMPERATURES

DEPTH		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
		NEW BRUNSWICK EXP STATION																															
MEASURED UNDER SOD																																	
1 INCH	MAX	84	84	83	84	71	69	78	82	85	83	84	85	77	78	83	82	83	84	84	73	68	76	75	76	78	76	79	79	78	72	71	78.9
	MIN	68	67	69	64	68	67	66	65	69	70	68	68	67	70	68	67	68	69	73	67	64	63	61	63	61	60	65	66	66	86	65	66.4
2 INCHES	MAX	80	79	79	80	70	69	75	79	80	80	80	81	74	77	80	79	80	80	81	74	68	74	73	74	75	73	75	76	76	71	69	76.2
	MIN	69	69	71	66	68	68	66	65	68	71	69	69	69	70	68	68	69	70	73	68	65	64	62	64	63	62	66	66	66	67	64	67.2
4 INCHES	MAX	78	78	77	78	71	69	74	77	78	78	78	78	74	76	78	78	79	79	80	74	69	73	72	73	74	72	73	74	74	71	69	75.0
	MIN	69	70	72	67	68	68	67	67	69	71	69	69	69	70	69	69	70	70	73	69	65	64	63	65	64	63	66	67	66	67	66	67.9
8 INCHES	MAX	74	74	73	73	71	70	71	72	73	74	74	74	73	73	73	74	74	75	75	74	71	70	69	70	70	69	69	69	71	71	66	72.0
	MIN	70	71	69	69	69	68	67	68	69	71	70	70	70	70	70	70	70	71	73	71	67	66	66	67	66	65	67	67	66	67	64	68.6
16 INCHES	MAX	71	71	71	70	71	69	69	70	70	71	71	70	71	71	71	71	72	72	72	72	71	69	68	68	69	69	68	68	68	67	65	69.9
	MIN	69	70	70	69	69	68	67	68	69	70	70	69	70	70	70	70	70	70	71	71	69	67	67	68	67	66	66	66	64	63	60	68.2
32 INCHES	MAX	67	67	67	67	67	67	67	66	66	66	67	67	67	67	67	67	67	67	68	68	68	68	67	67	67	67	66	65	65	65	64	66.7
	MIN	66	66	67	67	67	66	66	66	63	65	66	66	66	67	67	67	67	67	67	68	67	67	66	66	66	66	65	63	63	63	63	65.8

Measured under Kentucky Bluegrass.

See Reference Notes Following Station Index

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MID	BERGEN COUNTY ENGS	C
*ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P	N.Y. FORESTRY SVC	3
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P	MRS. ED C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P	MISS C. S. MIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A	SAMUEL H. MC CULLEY	3
BOONTON	0907	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WRT WKS	2 3 5
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A	ALBERT H. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	39 28	75 25	10		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	N.WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P	WILLIAM S. HAINES	2 3 5 7
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		5P	F. A. ROOENBAUGH	INAC 10/55
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS	3416	WARREN	2	40 53	74 55	560		MID	EDWARD KOWALICK	C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A	WATER SUPPLY COMM	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 08	74 11	54	MID	MID	GEORGE G. WADDILL	2 3 5 7 C
LAMBERTVILLE	4835	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. M. DEPUE	2 3 5
LEESBURG STATE FARM	4762	CUMBERLAND	8	39 14	74 58	10	8A	8A	LEESBURG STATE FARM	2 3 5
LITTLE FALLS WATER CO	4887	PASSAIC	8	40 53	74 14	157	9A	9A	PASSAIC VLY WTR CO	2 3 5 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID	STORM WARN. DSPL STA	2 3 5 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	1020		9A	NEWARK WATER DEPT	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P	DAVID GRISCOM	3
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P	ELMER EARLE	3
MIDLAND PARK	5503	BERGEN	8	40 59	74 09	210		MID	CORNELIUS HOWARD	3
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60		MID	L. J. GALLAHER	3 C
MILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A	M. J. WILLARD	2 3 5 7
MORRIS PLAINS	5789	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTHUR M. AHLQUIST	2 3 5 7
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. OOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID	PRINCETON WATER CO	3
RAHWAY	7393	UNION	9	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. MAYER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	6P	6P	BRICE B. STANTON	2 3 5 7
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MID	M. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID	L. M. RISTOW	2 3 5
*TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8899	OCEAN	1	39 35	74 22	45	8A	8A	VERNON W. MOTT	INAC 1/56
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 02	74 18	320		8A	WATER SUPPLY COMM	3 C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MID	BOUNTE BURN SAN.	C
WESTFIELD	9455	UNION	9	40 39	74 21	135		5P	TOWN ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	9910	SALEM	2	39 40	75 20	16	6P	8A	WOODROW W. HALTER	INAC 2/56
CLOSED STATIONS										
HILLVILLE CAA AIRPORT	5581	CUMBERLAND	6	39 22	75 04	68	MID	MID	CIVIL AERO. ADM.	CLOSED 7/56

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 8 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

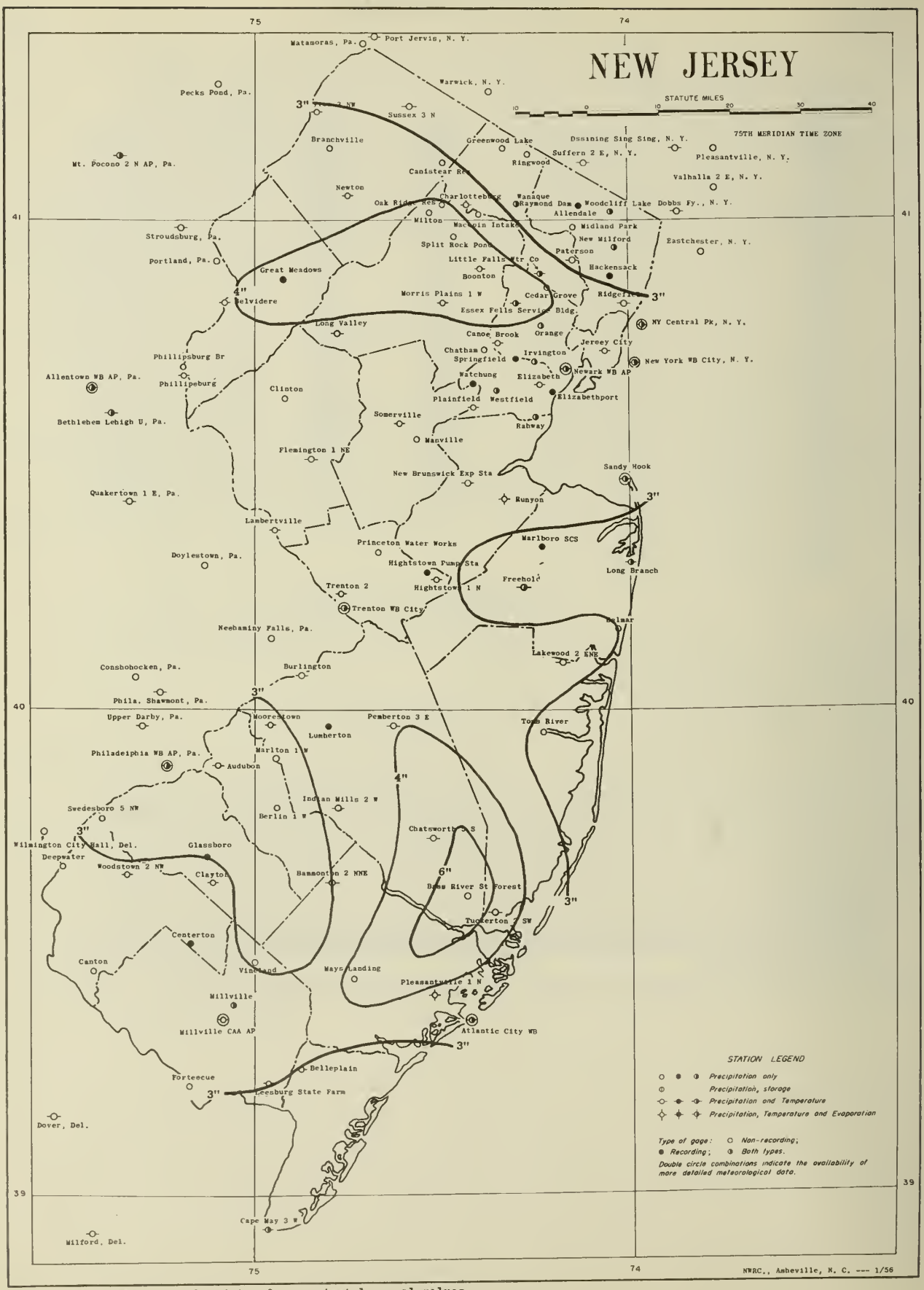
Long-term means for full-time Weather Bureau stations (those shown in the Station Index as United States Weather Bureau Stations) are based on the period 1921-1950, adjusted to represent observations taken at the present location.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 in indicated by no entry.
+ And also on a later date or dates.
* Amount included in following measurement, time distribution unknown.
# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
AM Data based on observations1 day ending before noon.
B Adjusted to a full month.
C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in Hourly Precipitation Data.
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
E One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
E Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
T Trace, an amount too small to measure.
Y Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

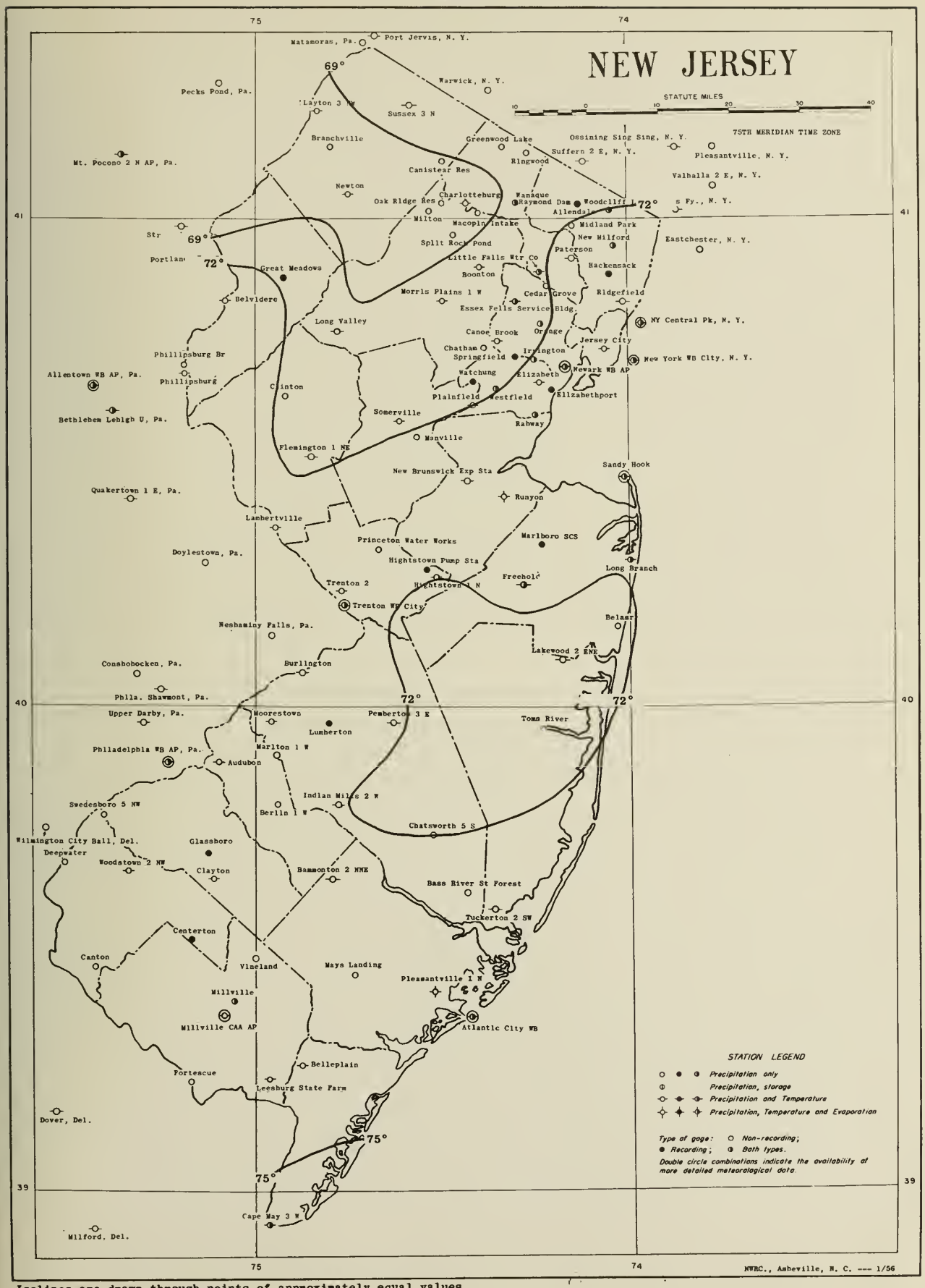
NWRC., Asheville, N. C. --- 10/8/58 --- 750

TOTAL MONTHLY PRECIPITATION, AUGUST 1956



Isolines are drawn through points of approximately equal values.

AVERAGE MONTHLY TEMPERATURE, AUGUST 1956



Isolines are drawn through points of approximately equal values.

1.05
NJ
cy 1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

SEPTEMBER 1956
Volume LXI No. 9

THE LIBRARY OF THE
NOV 2
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1956

WEATHER SUMMARY

GENERAL

Hurricane Flossy was perhaps the most newsworthy weather story during September. However, precipitation was somewhat spotty and temperatures were cooler than usual.

This month ranked among the coolest September's since 1885 and all stations having long-term means sbowed negative departures. Maximum temperatures for the month over the State were reported on several different dates, but tbe highest reading was 98° on the 2nd at Hammonton 2 NNE. Layton 3 NW recorded 28° on the 21st for tbe lowest reading, a distinction gained by this station several times already in 1956.

Evidence of tbe spottiness of September's precipitation pattern can be noted by reference to Table 2 of this bulletin, in which is shown departures for stations with long-term averages ranging from -1.85 inches at Plainfield to +3.77 inches at Layton 3 NW. Monthly totals ranged from 1.23 inches at Bridgeton 1 NE to 7.52 incbes at Layton 3 NW. Boonton recorded 3.34 inches on the 7th for tbe greatest daily amount.

Tbe percentage of sunsbine during the montb was less than usually expected, reflecting greater tban usual daytime cloudiness.

WEATHER DETAILS

Above normal temperatures were the rule as September opened and this situation persisted during the first six days of the montb. The leading edge of a cold air mass moved across the state and ushered in a widespread high pressure system that began dominating New Jersey's weather on tbe 7th and readings on the 9th and 10tb ranged from 10° to 14° below normal. The flow of warm southerly air across tbe State on the 14th raised temperatures to as mucb as 10° above normal in many localities. The period from the 15tb to tbe end of the month was mostly on tbe cool side; however, readings were slightly above normal on the 17th and 23rd. During the last balf of tbe month tbe coolest periods were the 18tb-21st and 26th-28th. All stations in the State reported their lowest temperature for the month on the 21st, with Newton duplicating its minimum on tbe 22nd.

Mostly light showers and thunderstorms occurred on the 1st and 2nd, but tbe most significant falls of the first decade were generally the widespread sbowers and thunderstorms of the 6th. Tbe last two decades of the month were marked by considerable cloudiness and rather frequent occurrences of precipitation. Amounts were mostly ligbt to moderate, however there were also some locally heavy falls. Tbunderstorm activity was prevalent on several dates. The remnants of hurricane Flossy affected the east and southeast coastal areas of the state, but total rainfall for the storm was not excessive, the largest falls being only a little more than 1 incb and occurring chiefly on the 27th.

WEATHER EFFECTS

Frosts were reported on the 10th, 19th, and 21st. Temperatures fell below 20° on the cranberry bogs and muck lands, and frost wbich occurred on the 21st caused damage to crops on tbese lowlands as well as to tender vegetables on tbe highlands. Ground preparation continued but was interrupted at times by wet soil conditions. Rye made good growth and planting of wheat was about to start in earnest.

Tbe moisture content of corn was still quite higb and most growers were waiting for a few more days of good drying weather before starting to pick. Corn borer infestation was the heaviest in many years, but with yields unchanged from a month ago, production was expected to more tban double the sbort 1955 crop and to be one-fourth above average. September weather was favorable for growtb and maturing of soybeans and the pod set was very good.

Sweet potato barvesting was relatively light as tbe crop bad not reacbed tbe desired size. Fresb vegetables from New Jersey farms were declining in volume and variety towards the end of September and later supplies were expected to consist largely of the hardier crops, sucb as broccoli, cabbage, cauliflower, celery, lettuce, spinach and tbe root crops. In spite of somewhat deficient rainfall for tbe State as a wbole and cooler tban usual temperatures, late season crops, particularly the hardy fall vegetables, made satisfactory progress. Cranberries sized well during September but frosts on the 10th and 20th damaged immature berries on bogs not protected by flooding. The crop matured later than usual witb the result that barvest did not get underway in volume until mid-September.

Weather conditions during September were very favorable for tbe commercial apple crop. Growers were able to continue barvesting with little interruptions from rains or otber weather factors. Apples sized well during tbe month as rainfall was only slightly less tban usual. The cool sunny weather was nearly ideal for putting a good color and finisb on tbe late varieties. Tbe barvest of peacbes was practically finished and tbe crop turned out to be of good quality, but production was somewbat below average. Grape barvest was completed with production indicated as 7% less tban last year, but 3% above average.

DESTRUCTIVE STORMS

In tbe late afternoon and early evening of tbe 6th thunderstorms with accompanying wind and rain affected the entire State, but most damage was reported in beavily populated northeastern and soutbwestern counties. Principal damage was a result of local flooding from beavy rain, fire by lightning, and locally strong winds. Many houses were struck, automobiles stranded and damaged, cellars flooded, roads wasbed out, trees and wires down, etc. Most extensive damage was reported in the Ridgefield area of Bergen County where the 150 foot long roof of a paper supply company was blown off and a large air conditioning unit was carried about 250 feet into a neighboring building, a one story frame building collapsed, and a carport was blown over. Several creeks overflowed causing minor floods. One person was killed and at least 4 were injured.

On the 17th from 6-9 p.m. a series of thunderstorms occurred associated witb an eastward moving cold front. Tbe principal damage resulted in eastern and southeastern counties near the shore. Tbe Atlantic City area was hardest hit with considerable wind and lightning damage as follows:

1. Many trees, small signs, electrical wires, TV antennas down.

2. Several houses struck by lightning and front portion of one bouse torn off by wind.

3. One large sign of considerable monetary value was blown off a boardwalk botel.

The Weather Bureau Office at Atlantic City reported 60 mpb winds with one gust to 75 mph at 7:14 p.m. Several persons were injured.

Tbe remnants of hurricane Flossy were confined to the east and soutbeast coastal areas of New Jersey. The most significant damage due to tbe storm was on the 26th, 27tb, and 28th wben some wind damage and flooding occurred. Winds of about 45 mph were reported on tbe 26th at Atlantic City and bourly velocities ranged from 38 mpb to 54 mpb on the 27th. On the 28th winds gradually slackened from 40 mph to about 28 mph by evening. A peak gust of 69 mpb at 1:53 p.m. EST was noted at Atlantic City on tbe 27th. Winds up to 30-40 mph were reported along tbe coast as far north as Sandy Hook. Total rainfall was not excessive. Flooding occurred at the time of high tide on tbe afternoon and evening of the 27th with only minor flooding at otber times of bigh tide. Highest measured tides were about 7 to 8 feet above mean low water in tbe Atlantic City area (3 to 4 feet above normal). Four to five foot waves were reported on the beach and waves were estimated at about 10 feet just offshore. Many moored small craft were destroyed or damaged, and piers, boardwalks, and ocean front structures were damaged sligbtly.

FLOODS

Thunderstorm rains on the 6th overflowed Weasel Brook (Clifton area), Overpeck Creek (Englewood), and McDonald Brook to cause minor floods that filled cellars and reached a depth of 5 feet on some roads.

Franklin W. Long, Climatologist
U. S. Weatber Bureau
Weather Records Processing Center
Chattanooga, Tennessee

CLIMATOLOGICAL DATA

TABLE 2

NEW JERSEY
SEPTEMBER 1956

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
NORTHERN																								
BELVIDERE		78.0M	52.3M	65.2M	- .8	89	2	35	21	94	0	0	0	0	3.83	.10	.85	6	.0	0		8	3	0
BOONTON	AM	72.1	48.3	60.2	- 3.3	86	6	34	21	190	0	0	0	0	6.03	1.75	3.34	7	.0	0		8	3	1
CANOE BROOK	AM	74.0	50.4	62.2	- 1.9	87	14	31	21	153	0	0	1	0	4.04	- .35	2.46	7	.0	0		5	2	1
CHARLOTTEBURG	AM	70.4	45.2	57.8	- 4.8	85	3+	30	21	246	0	0	6	0	4.46	.06	1.40	7	.0	0		8	3	1
ELIZABETH		75.7	53.7	64.7	- 2.5	91	6+	35	21	111	2	0	0	0	2.81	- 1.53	.52	16	.0	0		9	1	0
ESSEX FELLS SERV BLDG	AM	73.7	49.7	61.7		85	2+	32	21	166	0	0	1	0	4.10		1.47	7	.0	0		8	3	1
FLEMINGTON 1 NE		74.4	50.4	62.4	- 4.4	90	1	31	21	162	1	0	1	0	3.99	.50	.98	6	.0	0		7	3	0
JERSEY CITY		70.2	55.4	62.8	- 4.2	87	14+	39	21	138	0	0	0	0	2.43	- 1.43	.65	6	.0	0		7	2	0
LAMBERTVILLE		74.9	52.5	63.7	- 2.3	89	1	33	21	136	0	0	0	0	3.70	.41	1.07	28	.0	0		8	3	1
LAYTON 3 NW		72.4M	46.3M	59.4M	- 2.7	85	1+	28	21	204	0	0	3	0	7.52	3.77	3.08	6	.0	0		11	4	2
LITTLE FALLS WATER CO	AM	74.9	51.8	63.4	- 2.3	88	6	34	21	130	0	0	0	0	4.62	.02	1.46	7	.0	0		6	3	2
LONG VALLEY		71.7	49.9	60.8		85	1+	30	21	178	0	0	1	0	5.66	1.77	3.00	6	.0	0		8	3	1
MORRIS PLAINS		72.9	49.7	61.3		85	5	31	21	163	0	0	1	0	6.27		1.96	2	.0	0		7	4	3
NEWARK WB AIRPORT	R	72.7	55.3	64.0	- 2.8	89	14	39	21	117	0	0	0	0	2.10	- 1.79	.81	6	.0	0		5	1	0
NEWTON	AM	71.1	47.1	59.1	- 4.0	85	2+	31	21+	224	0	0	3	0	4.01	.15	.83	3	.0	0		10	3	0
PATERSON	AM	73.8	53.3	63.6	- 2.8	88	6+	37	21	124	0	0	0	0	4.42	.23	1.20	7	.0	0		7	4	1
PHILLIPSBURG		78.0M	52.1	65.1M	- .1	87	2	34	21	94	0	0	0	0	3.37	- .65	1.09	7	.0	0		6	2	2
PLAINFIELD		73.9	53.0	63.5	- 2.6	88	14	34	21	130	0	0	0	0	2.66	- 1.85	.61	6	.0	0		8	1	0
RIDGEFIELD		73.5	53.2	63.4	- 2.6	86	14	35	21	134	0	0	0	0	4.45	.29	2.83	6	.0	0		7	2	1
SOMERVILLE		74.7	51.2	63.0	- 3.0	88	14	32	21	141	0	0	1	0	2.91	- .53	.69	2	.0	0		10	1	0
SUSSEX 3 N		71.9	47.6	59.8	- 4.0	86	2+	31	21	197	0	0	1	0	4.00	.34	1.13	6	.0	0		8	4	1
DIVISION				62.2	- 2.8										4.16	.13			.0					
SOUTHERN																								
AUDUBON		75.6	55.0	65.3		93	1	36	21	110	2	0	0	0	3.14		1.00	6	.0	0		6	3	1
BELLEPLAIN		77.5	54.6	66.1		92	1+	34	21	100	3	0	0	0	4.66	.62	1.50	7	.0	0		8	4	2
BRIDGETON 1 NE	AM			M								0	0	0	1.23		.44	28	.0	0		5	0	0
BURLINGTON		76.9	55.2	66.1	- 2.7	89	14+	38	21	90	0	0	0	0	2.94	- .79	.72	28	.0	0		6	3	0
CLAYTON		75.1	54.4	64.8		90	1	35	21	114	1	0	0	0	4.11		2.21	6	.0	0		7	1	1
FREEHOLD		75.1	54.0	64.6	- 1.8	89	1	35	21	119	0	0	0	0	3.15	- .72	.75	6	.0	0		8	3	0
HAMMONTON 2 NNE	AM	77.5	53.7	65.6	- 2.0	96	2	36	21	105	4	0	0	0	3.46	- .03	1.28	7	.0	0		8	3	1
HIGHTSTOWN 1 N		74.1	53.6	63.9	- 2.2	90	1	35	21	129	1	0	0	0	3.17	- .94	.87	2	.0	0		9	2	0
INDIAN MILLS 2 W		75.1	52.6	63.9	- 3.1	90	2	31	21	133	1	0	1	0	2.96	- .49	1.01	6	.0	0		7	1	1
LAKEWOOD 2 ENE		73.6	51.9	62.8	- 3.0	89	14+	33	21	148	0	0	0	0	3.62	- .12	.88	27	.0	0		8	3	0
LEESBURG STATE FARM	AM	74.7	54.5	64.6		89	15	36	21	116	0	0	0	0	3.23		.90	7+	.0	0		6	3	0
MOORESTOWN		73.9	54.3	64.1	- 2.2	90	1	34	21	132	1	0	0	0	2.57	- 1.10	.98	28	.0	0		5	2	0
NEW BRUNSWICK EXP STA		74.1	53.5	63.8	- 2.8	86	14	35	21	124	0	0	0	0	3.19	- 1.00	.64	16	.0	0		10	2	0
PEMBERTON 3 E		76.4	53.2	64.8	- 2.7	90	1	32	21	113	1	0	1	0	3.62	- .07	1.08	6	.0	0		8	3	1
PLEASANTVILLE 1 N	AM	75.4	54.0	64.7	- 1.8	89	15	35	21	105	0	0	0	0	1.72	- 1.76	.65	7	.0	0		4	1	0
RUNYON		77.7	50.1	63.9	- 1.2	90	14	29	21	119	1	0	2	0	2.56	- 1.61	.58	18	.0	0		7	2	0
TRENTON 2		74.9	54.8	64.9		90	1	38	21	111	1	0	0	0	3.08	- 1.15	1.19	6	.0	0		8	2	1
TRENTON WB CITY	R	72.8	55.7	64.3	- 2.7	88	1	40	21	123	0	0	0	0	2.24	- 1.51	.74	6	.0	0		6	1	0
DIVISION				64.6	- 2.3										3.04	- .74			.0					
COASTAL																								
ATLANTIC CITY WB	R	72.0	60.5	66.3	- 2.0	87	14	43	21	70	0	0	0	0	3.03	- .48	1.04	27	.0	0		5	3	1
CAPE MAY 3 W		75.5M	58.3M	66.9M		87	2+	42	21	64	0	0	0	0	3.60		1.56	7	.0	0		8	2	1
LONG BRANCH		71.6	54.2	62.9	- 3.2	85	14	36	21	134	0	0	0	0	2.69	- 1.32	.86	27	.0	0		5	2	0
SANDY HOOK LBSTA																								
DIVISION				65.4	- 2.3										3.11	- .63			.0					

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Percent of time from prevailing	Wind speed m. p. h.: Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Relative humidity averages - percent: 1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Number of days with precipitation: Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB CITY	-	-	16.1	66	NW	17	-	-	-	-	3	5	2	2	1	0	13	55	6.3
LONG BRANCH	S	20	13.6	56	E	27	-	84	65	74	5	6	3	2	0	0	18	62	6.1
NEWARK WB AIRPORT	NNE	12	9.0	29*	NE	27	63	84	57	72	3	7	4	1	0	0	15	-	8.8
TRENTON WB CITY	-	-	8.4	33	NE	27	-	-	-	-	3	4	5	1	0	0	13	55	8.2

* Fastest observed one minute wind speed. This station is not equipped with automatic recording wind instruments.

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
SEPTEMBER 1956

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB R	3.03		.08				.86	.02				.01				.11		.52			.05				.25			1.04	.09			
AUDUBON	3.14	T	.42				1.00							T		.17		T			.13		T	T	.52			.90	T			
BASS RIVER ST FOREST	3.61		*	.92			.96									.22		.01	.20				.08				.02	*	1.20			
BELLEPLAIN	4.66						.06	1.50									.12		.56		.14			.16	.46			.55	1.08	.03		
BELMAR	4.92		.86				.49										.70				.84				*			1.90	.14			
BELVIDERE	3.83	.66	.12				.85								.05	.43	.30	.33							.69				.40			
BERLIN 1 W	3.40			1.30																			.65		.25	.10		T	1.10			
BOONTON	6.03	*	.31	.57				3.34	T							.05	.80	.14	.00		.22	.05			.26				.20			
BRANCHVILLE	4.84	.11	.06	.41				1.48								.03	.47	.45	.22		.04	.16		.03	.77				.38	.03	T	
BRIDGETON 1 NE	1.23	T	.06													.01		.10	.23		.04	.01			.15	.10	.02	.07	.44			
BURLINGTON	2.94		.83				.66	.23							.02	.04	.13				.09				.40			.03	.72			
CANISTEAR RESERVOIR	5.01	.01	.30	.79				1.26								.37	.97	.06	.27		.15	T			.40				.26	.08		
CANOE BROOK	4.04	.03	.12	.07				2.46	.01							T	.61	.07	.08		.18	.02			.29	.01			.08	.01		
CANTON	2.38							1.03								.13	.10		.43		.05			.04	.19			.03	.38			
CAPE MAY 3 W	3.60	.05	.04	.06			.25	1.58									.27		.13		.10				.43			.56	.15			
CEDAR GROVE	5.02							1.48									.23	.76	.09		1.90				.28				.28			
CHARLOTTEBURG	4.46	.08	.03	.87				1.40								.06	.79	.17	.14		.18	.06		.04	.38				.20	.05	.03	
CHATHAM	4.50	.20	.11	.07				2.60	T								.56	.06	.08		.16				.31				.15			
CLAYTON	4.11		.21	T			2.21	.11								.30	T				T		.06		.49			.49	.15	T		
CLINTON	4.58	.62	.86				1.10	.05								.26	.52	.04			.40			.04	.25				T	.24		
DEEPWATER	3.12		.32				1.61									.23		T	.02					.26	.16			.40	.03			
ELIZABETH	2.81	.01	.11				.44	.42							.01	.04	.52	.00	.13		.18			.01	.32			.37	.16			
ELIZABETHPORT	2.13	.03	.07				.62	.01								.51	.03	.27			.16		T	.01	.23			.17	.02			
ESSEX FELLS SERV BLDG	4.10	.68	.12	.35				1.47									.72	.09			.09	.12			.23				.23			
FLEMINGTON 1 NE	3.99	.89	.55	.01			.98	.03					T		T	.01	.48	.04	.30		.24		.03	.01	.35		T	.04	.03	T		
FREEHOLD	3.15		.27				.75	.50								.10	.55		.04		.12				.32			.05	.45			
GREENWOOD LAKE	5.07	.15	.28	.88				1.53	T							.36	.73	.22	.21	T	.14	.05	T	T	.29				.20	.03	T	
HAMMONTON 2 NNE	3.46		.30	.46				1.26								.17	.13		.23		.10								.55	.03	.01	
HIGHTSTOWN 1 N	3.17		.87				.40	.26							T	.17	.20	.29			.16		T		.55			.07	.20			
INDIAN MILLS 2 W	2.96		.44				1.01	.03								.19	T	T	.11		.06		T	.01	.46			.46	.19	T		
IRVINGTON	2.47	.06	.23				.03	T								.37	.25	.03			.15			.16	.12			.16	.01			
JERSEY CITY	2.43	*	.07				.68	.01								.55	.18	.04			.22		.05	.25	.30			.11				
LAKEWOOD 2 ENE	3.62	T	.63				.87	.05				T	T			.40	T	.01			.10		T	.26	.16		T	.88	.26		T	
LAMBERTVILLE	3.70	.42	.53				.28	.04			.02					.26	.50	.02	.05		.20		T		.30				1.07	.01		
LAYTON 3 NW	7.52	.10	1.16				3.08						.08		.19	.40	.51	.14		.13	.37			.05	.76				.47	.04		
LEESBURG STATE FARM	3.23			.02				.90	.06								.13		.60		.09		T			.31		.16	.90	.06		
LITTLE FALLS WATER CO	4.62	.07	.07	1.43				1.46								T	.74	.09	.07		.21			.01	.22				.23	.02		
LONG BRANCH	2.69	T	.32				.40	.02				T	T		T	.68	.02	.02			.06		T	.09	.20			.86	.02			
LONG VALLEY	5.66	.18	.68				3.00								.03		.78	.14			.25				.33				.27		.03	
MACOPIN INTAKE	5.12	.04	.15	1.37				1.65								.02	.88	.13	.09		.19				.37				.24	.02	T	
MANVILLE	2.52	T	.66				.35	.01								.61	.08	.18			.16		T	.02	.25			.10	.10			
MARLTON 1 W	2.68		.32				.70	.21								.00		.01			.12		.01		.49			.10	.82	.01		
MAYS LANDING	3.20		.25	.10			.10	1.20				.22				.03	.04	.51	.04				.03	.03	.10			.40	.10	.05		
MIDLAND PARK	3.55	.06	.31				1.61	.01							.02		.86	.06			.15				.25				.22			
MILLVILLE	2.68		.30				1.20	.03								.11		.31			.11		.01		.14			.46	.01			
MILTON	5.44	.08	.18	1.29				1.24								.18	1.10	.10	.26		.22				.47				.27	.05		
MOORESTOWN	2.57	T	.01	.05				.72								.05		.13	T		.12			.02	.48	T			.98	.01		
MORRIS PLAINS	6.27	.07	1.96				.73	1.48							.02	T	1.05	.03	.09		.32		T		.32			T	.25		T	
NEWARK WB AIRPORT R	2.10	.02	.03				.81	.01				T			.01	.46	.07	.04			.16		T	.09	.13			.25	T			
NEW BRUNSWICK EXP STA	3.19	.21	.31				.28	.36							T	.02	.64	.02	.53		.14			.02	.35			.10	.19	.02		
NEW MILFORD	3.46		.30				1.48	.02								.84	.06	.22		.14					.20			.16	.04			
NEWTON	4.01	.12	.07	.83				.80	T					T		.11	.71	.12	.14		.19	.04		.03	.47				.37	.01		
OAK RIDGE RESERVOIR	5.64		.27	1.30				1.44								.15	.05	.21	.30		.21			.07	.45				.23	.06		
ORANGE	4.74	.29	.10				2.91	.01								.54	.16	.08			.15			.18	.00		.01	.21	.01			
PATERSON	4.42	.33	.03	.76				1.20								T	.95	.07	.08		.20			T	.58				.22	T	T	
PEMBERTON 3 E	3.62		.84				1.08	.26								.10	.18				.13		.02		.45			.03	.53			
PHILLIPSBURG	3.37	.18	.08				.04	1.00							T	T	1.02		.09		.19		T		.35			T	.33	T		
PHILLIPSBURG BRIDGE	3.02	.11					.03	.76								.84	T	.04			.24				.30				.48		.22	
PLAINFIELD	2.66	.05	.34				.61	.02				T			T	.27	.44	.18			.21		T		.25			.00	.19	.01		
PLEASANTVILLE 1 N	1.72			.07				.65	T				T				.13		.43		.06		T	T		.22		.07	.07	.02		
PRINCETON WATER WORKS	2.80		.03				.70									.30	.01	1.20							.36			.20	T			
RAHWAY	2.15		.03				.61	.04								.56	.04	.30			.18			T	.26			.11	.02			
RIDGEFIELD	4.45	.01	.06				2.83								.03	.55	.10	.03			.22		T	.11	.18			.28	.05			
RINGWOOD	5.51	.12	.45	1.19				1.77								.10	.94	.12	.17		.17	T			.31				.15	.02		
RUNYON	2.56	.03	.11				.23	.40									.53		.58		.16				.48			.04				
SANDY HOOK LBSTA		RECORD MISSING																														
SOMERVILLE	2.91	.43	.69				.35	.10							.01	.20	.35	T	.15		.19				.27			.05	.12			
SPLIT ROCK POND	5.79	.06	.07	.10				2.86									.76	.12	.09		.14	.04			1.28				.25	.02		
SUSSEX 3 N	4.00	.02	.52				1.13	T							.11	.41	.63	.05	.05		.20	T		.02	.67			.02	.17			
SWEDESBORO 5 NW	3.26		.05	T			T	1.46	T							.05	.05	.01	.02	.01	.18		T	.01	.47	.02		.08	.83	.02		
TOMS RIVER	3.85		1.40					.35									.25		.08		.05		.05					.22	1.45			
TRENTON 2	3.08		.17				1.19	T				T				.31	T	.17			.13		T	.11	.51			.47	.02			
TRENTON WB CITY R	2.24	T	.13				.74	T								.27	.01	.06			.13		T	.39	.09			.38	.04			
VINELAND	3.40		.05	.15				1.80	T							.09	.13		.31		.12		.01	.03		.15		T	.56	T		
WANAQUE RAYMOND DAM	4.32	.16	.05	.37				2.26								.01	.70	.16	.04		.12				.18				.21	.02		
WESTFIELD	2.80	T	.36				.94				T				T	*	.72	.12			.20			.04	.27			*	.24		T	
WOODCLIFF LAKE	3.76		.38				1.62	.04								.76	.24	.02		.14				.12	.14			.16	.14			

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	79	82	78	78	77	80	72	71	68	66	71	74	74	87	71	80	82	69	70	68	60	70	77	74	68	63	60	61	65	66		72.0
	MIN	73	72	69	70	72	70	62	56	50	49	60	67	67	70	65	65	61	55	55	49	43	57	65	60	53	57	56	55	54	57		60.5
AUDUBON	MAX	93	90	83	89	88	82	73	72	68	71	75	81	85	89	74	81	86	68	74	64	65	73	88	75	71	61	58	56	67	69		75.6
	MIN	72	73	65	63	65	69	52	50	49	42	51	56	59	66	60	58	62	52	42	48	36	44	59	53	46	49	50	47	53	58		55.0
BELLEPLAIN	MAX	92	92	83	85	82	86	82	74	72	72	75	81	86	91	81	84	83	83	73	69	64	73	88	81	72	66	60	62	66	68		77.5
	MIN	70	75	64	60	60	65	62	50	46	42	45	54	59	67	62	61	63	50	40	56	34	39	58	60	43	42	53	54	52	53		54.6
BELVIDERE	MAX	87	89	87	88	88	81	72	74	70	72	71	82	86	88	77	71	80	68	80	65	67	71	87	77						71		78.0
	MIN	65	71	58	58	66	68	60	45	42	37	49	53	55	62	32	52	55	46	40	50	35	41	51	56	40							52.3
BOONTON	MAX	83	84	83	83	84	86	79	70	69	65	67	69	77	83	83	66	71	76	64	70	60	62	66	82	69	67	64	60	56	65		72.1
	MIN	65	67	54	55	58	63	42	42	42	38	41	51	51	53	53	54	57	51	36	37	34	37	44	53	43	40	45	48	49	46		48.3
BRIDGETON 1 NE	MAX	90	89							71			73	79		87		83	86		72	63			87	67	71	64	59				
	MIN	64	70							47			60	57		62		59	51		41	37			39	47	50	49	52				
BURLINGTON	MAX	84	88	84	88	88	84	73	73	70	71	75	80	88	89	82	80	85	80	75	68	65	74	89	85	71	66	59	58	68	68		76.9
	MIN	72	73	64	65	64	69	64	52	45	44	52	49	58	67	60	58	65	46	43	47	38	45	56	56	48	49	50	51	56	51		55.2
CANOE BROOK	MAX	80	86	86	84	84	86	80	70	70	65	70	71	79	87	85	73	72	79	65	73	60	64	68	84	69	67	60	58	68	78		74.0
	MIN	65	74	58	56	66	65	61	45	45	39	47	55	53	49	54	55	49	47	40	42	31	40	50	58	42	37	45	47	50	47		50.4
CAPE MAY 3 W	MAX	86	87	83	82	83	83	76	73	72	69	74					87	78		73	70		75	80	80	71	70	63	64	66	67		75.5
	MIN	72	72	66	65	67	70	64	55	53	51	50					63	65		51	46	42		65	61	50	56	54	54	55	51		58.3
CHARLOTTEBURG	MAX	82	83	85	81	82	85	79	68	68	65	67	67	80	81	82	64	66	75	62	61	57	60	62	81	67	61	62	58	53	68		70.4
	MIN	62	64	53	50	53	55	59	43	38	31	32	46	47	52	47	47	54	47	31	31	30	32	43	54	37	37	41	46	46	47		45.2
CLAYTON	MAX	90	87	83	86	85	82	75	70	69	68	72	79	83	87	79	77	85	82	71	62	63	70	87	81	69	66	59	55	65	67		75.1
	MIN	69	72	62	59	63	70	60	49	47	40	49	55	56	64	59	56	60	50	41	50	35	42	57	59	48	50	48	52	53	57		54.4
ELIZABETH	MAX	85	83	85	85	88	91	73	74	69	72	72	80	84	91	78	72	79	73	74	66	66	67	88	79	75	65	59	58	75	65		75.7
	MIN	68	74	61	61	63	68	62	50	46	40	50	57	55	64	58	55	60	48	42	51	35	41	53	58	45	47	48	49	52	49		53.7
ESSEX FELLS SERV BLDG	MAX	82	85	82	81	83	85	79	72	70	65	71	70	80	82	84	80	68	75	75	70	61	64	70	80	70	70	65	60	65	67		73.7
	MIN	65	67	55	62	65	67	57	48	42	39	39	42	54	59	52	55	58	56	38	38	32	35	48	56	46	42	45	45	43	40		49.7
FLEMINGTON 1 NE	MAX	90	87	85	86	86	83	73	70	67	70	72	79	84	86	80	81	79	70	70	62	63	72	87	77	68	62	57	55	65	65		74.4
	MIN	65	71	55	56	60	64	61	46	44	36	46	47	52	59	55	60	60	45	34	50	31	36	51	58	40	40	46	48	51	45		50.4
FREEHOLD	MAX	89	86	83	83	85	81	74	70	66	69	72	79	83	88	81	78	84	71	71	66	63	73	87	82	69	67	57	55	72	68		75.1
	MIN	71	72	62	60	61	66	61	49	45	39	47	57	55	66	59	58	61	49	41	54	35	42	56	58	46	48	49	51	52	50		54.0
HAMMONTON 2 NNE	MAX	92	98	93	85	87	86	85	68	74	69	73	75	82	86	91	79	80	88	71	73	68	68	77	89	65	73	62	59	59	70		77.5
	MIN	71	70	63	60	62	68	62	50	46	43	48	55	58	60	61	60	61	49	41	44	36	37	53	45	49	49	51	53	53	54		53.7
HIGHTSTOWN 1 N	MAX	90	86	81	84	85	83	71	72	65	70	73	80	83	88	76	78	84	67	72	64	64	72	86	74	70	62	56	54	68	65		74.1
	MIN	71	70	61	59	62	66	61	48	44	39	50	56	57	66	58	56	63	50	39	52	35	42	54	59	44	45	49	51	52	48		53.6
INDIAN MILLS 2 W	MAX	89	90	84	87	86	83	70	73	69	71	73	80	84	88	75	80	86	68	71	63	65	72	88	74	70	62	60	55	71	66		75.1
	MIN	72	70	61	57	60	66	58	45	44	36	48	56	54	65	59	58	62	48	36	47	31	38	54	55	41	46	50	52	52	56		52.6
JERSEY CITY	MAX	78	79	82	78	81	77	70	70	65	67	68	73	75	87	67	70	79	66	61	60	64	67	87	68	60	58	54	59	73	63		70.2
	MIN	71	69	62	62	65	70	59	52	52	45	55	61	61	68	55	58	60	50	42	41	39	49	59	50	51	48	48	53	54	54		55.4
LAKEWOOD 2 ENE	MAX	86	86	79	80	83	80	69	72	66	69	72	78	82	89	70	80	85	68	71	63	64	74	89	67	72	62	58	57	72	66		73.6
	MIN	71	67	60	58	60	63	55	48	42	39	43	56	53	67	60	60	61	40	37	40	33	40	53	58	43	48	52	53	52	44		51.9
LAMBERTVILLE	MAX	89	85	83	85	86	84	72	70	67	70	74	79	85	87	81	78	83	78	72	67	64	72	87	76	69	63	57	55	63	66		74.9
	MIN	68	72	58	58	63	69	62	45	41	37	48	56	54	65	58	56	61	47	38	53	33	41	52	60	42	42	47	49	52	47		52.5
LAYTON 3 NW	MAX	85	85	82	80	85	75	70	70	65	69	67	78	81	85	70	60	73	65	67	68	63	68	80	78	68		60	55	72	76		72.4
	MIN	60	68	53	53	56	60	55	49	33	32	40	48	50	60	42	48	52	41	34	43	28	32	42	50	38		37	42	50	48		46.3
LEESBURG STATE FARM	MAX	85	87	88	83	84	81	82	69	72	68	70	71	76	81	89	75	82	88	70	71	64	61	73	84	66	72	65	60	60	65		74.7
	MIN	71	76	64	61	61	63	67	50	47	42	46	61	57	63	62	61	64	52	41	45	36	42	58	45	45	48	47	53	54	53		54.5
LITTLE FALLS WATER CO	MAX	83	86	85	86	86	88	83	73	72	67	70	70	78	86	87	67	71	78	67	72	63	72	72	86	74	70	64	60	60	72		74.9
	MIN	67	68	56	58	62	65	62	49	45	40	50	56	56	58	55	55	56	50	39	47	34	40	49	58	43	44	46	48	50	47		51.8
LONG BRANCH	MAX	82	83	80	79	82	80	69	70	65	68	73	76	78	85	68	77	83	66	69	61	62	72	80	67	68	59	56	56	69	66		71.6
	MIN	72	70	66	60	62	65	57	54	54	47	49	50	56	65	60	60	60	45	43	44	36	43	53	50	46	50	50	51	52	47		54.2
LONG VALLEY	MAX	85	84	82	85	85	80	70	70	64	69	68	75	82	83	73	70	78	70	70	60	61	67	83	73	67	60	56	53	65	63		71.7
	MIN	63	70	56	58	60	63	58	56	44	38	44	50	49	60	50	54	58	44	40	48	30	35	48	56	39	38	44	47	50	48		49.9
MOORESTOWN	MAX	90	88	83	86	85	80	71	70	66	69	73	79	85	87	72	79	85	67	72	62	64	73	87	68	69	62	57	54	66	67		73.9
	MIN	71	73	63	60	62	68	64	51	44	41	51	54	58	67	59	58	64	44	40	48	34	43	58	52	45	47	50	51	54	56		54.3
MORRIS PLAINS	MAX	82	84	83	84	85	83	70	69	65	67	66	76	82	84	75	71	77	76	68	68	61	66	83	81	70	66	57	55	66	68		72.9
	MIN	64	69	55	53	58	63	59	50	40	39	47	52	50	62	52	53	56	46	35	42	31	39	50	57	40	42	44	47	51	45		49.7
NEWARK WB AIRPORT	MAX	80	82	84	82	86	81	73	71	67	71	70	76	80	89	69	74	81	66	70	62	64	68	85	70	69	62	59	56	70	65		72.7
	MIN	71	68	64	65	65	70	60	55	50	47	52	60	59	66	55	55	59	51	46	45	39	47	57	54	49	47	48	49	54	51		55.3
NEW BRUNSWICK EXP STA	MAX	85	83	82	82	84	82	73	69	68	68	71	77	83	86	78	75	81	75	70	67	62	71	85	82	69	65	59	57	69	65		74.1
	MIN	69	72	61	60	62	67	62	48	45	40	50	56	56	66	58	55	60	50	42	52	35	43	54	58	45	44	47	48	52	47		53.5
NEWTON	MAX	82	85	85	80	84	85	77	76	67	64	68	66	77	82	85	63	65	73	62	68	59	62	67	82	68	65	59	55	53	68		71.1
	MIN	62	67	52	54	58	64	59	41	39	33	44	52	49	53	50	51	55	48	32	39	31	31	41	56	37	36	42	44	45	48		47.1
PATERSON	MAX	81	81	83	83	85	88	82	72	72	67	71	70	76	82	88	67	66	76	67	72	63	65	72	86	70	70	63	60	65	70		73.8
	MIN	67	71	58	61	63	65	63	52	48	43	46	57	57	59	58	54	56	51	43	46	37	41	53	60	48	45	47	49	50	50		53.3
PEMBERTON 3 E	MAX	90	88	83	88	87	82	72	74	70	69	73	80	84	87	80	81	85	78	72	69	63	72	87	85	72	66	60	57	72	66		76.4
	MIN	71	70	61	58	61	65	62	47	44	39	47	58	49	65	59	58	64	49	36	53	32	41	54	59	41	47	48	52	53	53		53.2
PHILLIPSBURG	MAX	86	87	86	86	86	85	78	71	69	70	70	77	84	85	83	74	76	79	71	70	63	64	86	86								78.0
	MIN	66	72	58	57	63	69	61	48	39	42	48	54	55	63	55	54	59	48	38	52	34	41	52	59	42	42	42	47	53	50		52.1
PLAINFIELD	MAX	85	85	85	84	86	83	71	72	68	71	70	79	85	88	72	74	81	67	72	63	65	70	86	72	70	64	59	55	72	64		73.9
	MIN	68	72	59	60	61	67	63	50	45	40	50	56	56	63	58	55	60	50	40	51	34	40	53	55	43	46	48	49	50	48		53.0
PLEASANTVILLE 1 N	MAX	82	83	86	82	82	82	82	79	79	78	70	72	78	79	89	74	81	87	69	72	64	63	73	86	66	71	67	59	61	67		75.4
	MIN	75	75	66	64	63	63	58	51	49	44	44	50	56	62	63	61	62	50	39	42	35	37	55	45	42	50	54	56	53	55		54.0
RIDGEFIELD	MAX	87	83	83	85	87	86	71	71	66	71	70	78	84	88	76	68	76	66	74	63	65	67	85	68	69	65	58	59	71	64		73.5
	MIN	71	67	61	61	64	67	55	49	44	40	51	58	58	63	58	55	58	47	42	44	35	46	54	59	45	47	47	49	53	49		53.2
RUNYON	MAX	87	87	85	85	88	85	72	74	70	74	75	82	86	90	80	77	85	75	74	70	67	74	87	81	74	69	65	58	78	76		77.7
	MIN	63	61	59	59	61	62	62	45	37	32	42	52	53	66	61	58	58	44	33	55	29	34	50	48	38	46	48	51	51	44		50.1
SANDY HOOK LBSTA	MAX																																
	MIN																																

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5 - Continued

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
SOMERVILLE	MAX	87	86	84	86	86	84	72	73	69	70	72	80	85	88	79	75	76	76	72	65	65	71	85	73	70	64	58	55	70	65		74.7
	MIN	67	72	57	56	61	69	59	47	42	40	48	54	53	62	57	52	60	46	37	42	32	37	52	58	41	44	46	49	51	46		51.2
SUSSEX 3 N	MAX	84	86	80	83	86	80	70	68	65	67	75	78	84	82	79	59	73	68	68	60	63	75	81	78	65	61	54	53	69	62		71.9
	MIN	62	68	52	54	58	63	59	42	38	34	45	49	50	54	46	49	53	45	33	46	31	39	43	55	38	39	39	43	50	51		47.6
TRENTON 2	MAX	90	86	84	86	87	84	71	72	68	70	74	81	85	88	75	79	85	67	72	63	64	73	87	74	70	64	60	55	66	66		74.9
	MIN	70	70	62	61	63	69	58	50	46	45	53	58	58	67	57	57	63	50	42	50	38	47	57	57	47	46	48	50	54	51		54.8
TRENTON W8 CITY	MAX	88	87	81	85	85	81	70	70	65	69	72	78	83	87	71	77	83	66	70	60	62	70	85	69	69	61	57	55	64	65		72.8
	MIN	72	69	64	64	65	70	58	52	47	46	54	59	59	67	57	57	63	51	46	46	40	48	58	55	50	47	48	49	55	54		55.7

EVAPORATION AND WIND

Table 6

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
CANOE BROOK	EVAP	*	*	.26	.15	.11	.12	-	-	.12	.14	.00	.17	.05	*	*	.29	.07	.04	.15	.13	.12	*	*	.20	.12	.12	.03	.03	.03	.02		82.65
	WIND	3	8	4	3	17	4	2	3	14	22	4	16	2	12	3	6	9	8	12	29	19	6	1	8	8	13	43	46	13	4		342
PLEASANTVILLE 1 N	EVAP	.00	.15	.19	.12	.20	.08	.14	.02	.13	.11	.06	.19	.17	.09	.21	.08	.02	.22	.19	.11	.20	.06	.20	.04	.04	.24	.10	-	.05	.07		83.60
	WIND	55	*	20	12	8	10	17	25	10	38	10	4	46	33	34	13	3	30	45	27	10	41	33	39	7	15	85	74	41	9		774
RUNYON	EVAP	.11	.07	.14	.12	.12	*	*	.21	.15	.11	.11	.12	.11	.00	.05	.08	.14	.06	.18	.10	.06	.07	.06	.00	.08	.21	.08	-	.10	.07		82.80
	WIND	3	5	5	6	5	6	6	7	3	8	9	8	8	11	4	5	7	6	9	7	5	4	2	4	6	12	71	51	7	8		298

DAILY SOIL TEMPERATURES

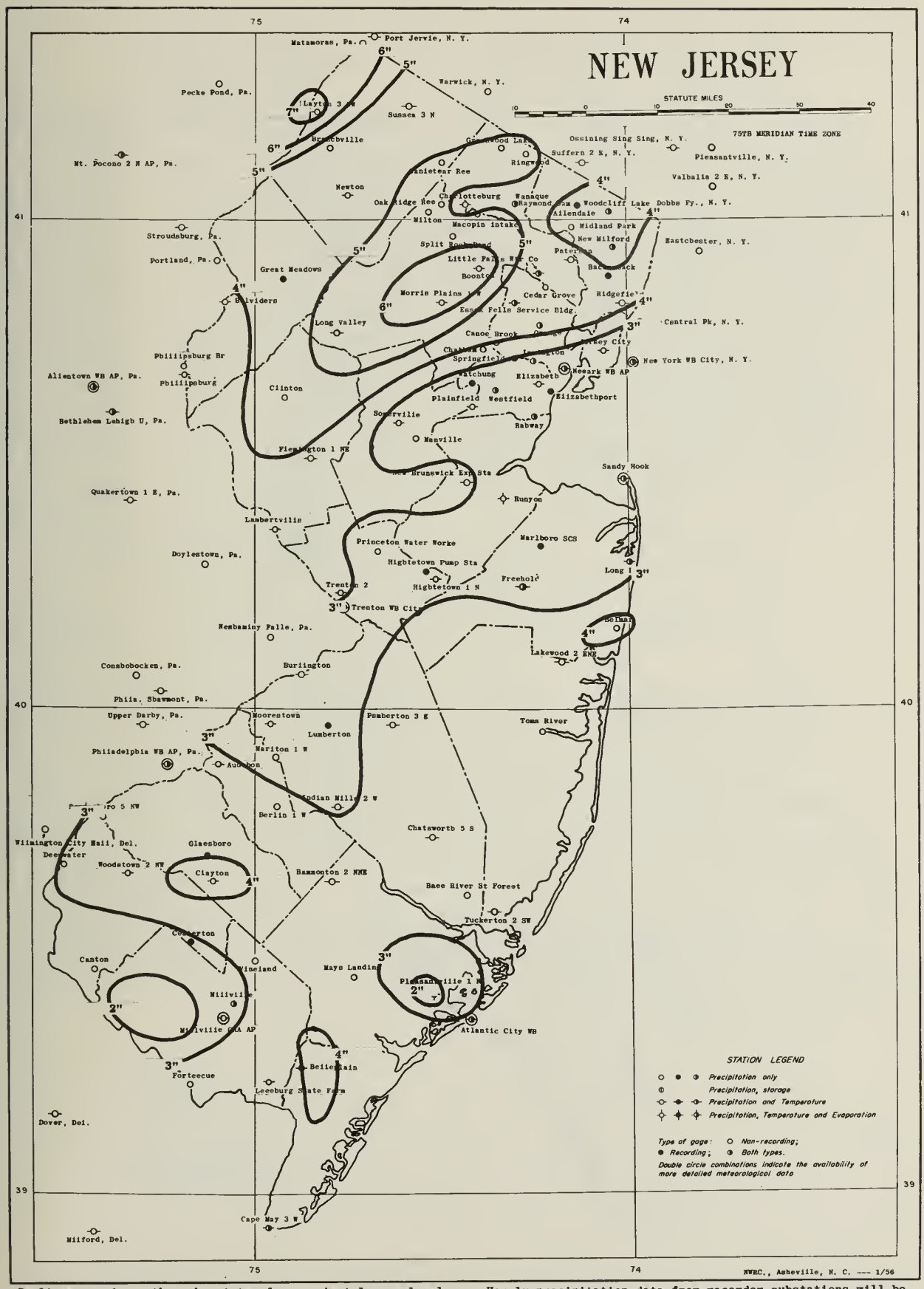
DEPTH		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
		NEW BRUNSWICK EXP STATION																															
MEASURED UNDER SOD																																	
1 INCH	MAX	76	74	78	72	76	76	70	72	70	70	66	71	72	74	70	68	72	65	67	63	63	63	70	64	65	58	55	55	60	57		67.8
	MIN	65	66	65	64	65	68	64	61	57	55	58	60	62	65	63	63	64	57	54	55	51	54	57	57	56	53	53	53	54	53		59.0
2 INCHES	MAX	74	72	74	74	74	74	70	71	68	70	65	89	70	71	69	68	70	66	65	63	62	62	67	64	64	58	56	56	59	57		66.8
	MIN	65	66	64	64	66	68	66	63	60	57	60	81	63	66	64	63	65	59	57	58	54	55	58	59	58	55	54	54	54	54		60.3
4 INCHES	MAX	72	71	74	73	73	73	70	70	67	66	65	68	69	70	68	67	69	66	64	63	61	61	66	64	63	59	56	56	59	57		66.0
	MIN	66	68	65	66	87	69	66	63	61	58	60	62	63	86	64	63	65	60	58	58	55	56	59	60	59	56	55	55	55	55		61.1
8 INCHES	MAX	70	70	70	70	70	71	71	89	67	65	64	66	67	68	67	66	68	68	64	63	61	61	63	64	62	61	59	57	58	57		65.3
	MIN	64	65	67	68	68	69	68	66	65	62	63	63	64	66	66	85	65	64	62	62	59	59	60	63	60	59	57	57	56	56		62.9
16 INCHES	MAX	67	64	69	68	69	70	70	70	68	67	66	65	65	66	67	67	67	67	66	64	64	62	62	63	63	63	61	59	59	57		65.2
	MIN	63	61	66	66	67	68	69	68	66	64	65	63	64	65	66	65	65	66	63	63	62	61	81	62	82	61	59	59	55	56		63.4
32 INCHES	MAX	64	65	66	64	66	67	68	68	68	67	66	65	65	64	65	65	65	66	66	65	65	64	63	62	63	63	63	62	61	59		64.7
	MIN	63	63	65	63	65	65	67	67	66	66	65	63	63	63	64	65	64	65	64	64	64	63	61	62	63	82	62	61	58	58		83.4

Measured under Kentucky Bluegrass.

See Reference Notes Following Station Index

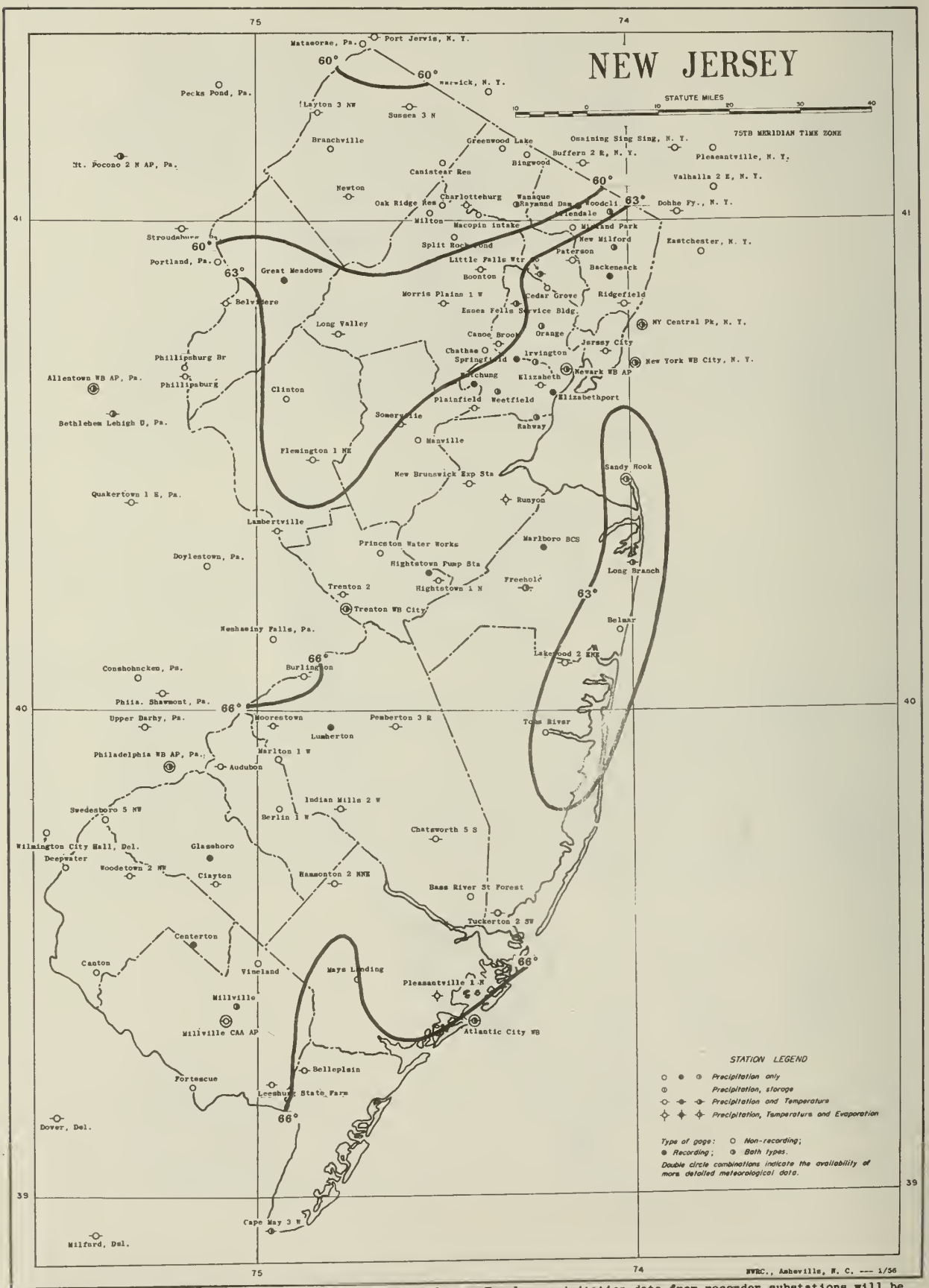
TOTAL PRECIPITATION

NEW JERSEY
SEPTEMBER 1956



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication 'Hourly Precipitation Data'.

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication 'Hourly Precipitation Data'.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270	MID	MID	BERGEN COUNTY ENGS	C
ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	30 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	30 37	74 26	20		6P	N.Y. FORESTRY SVC	3
BELLEPLAIN	0600	CAPE MAY	1	30 16	74 52	49	5P	5P	MRS. ED C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	10		MID	CITY WATER DEPT	3
BELVIDERE	0720	WARREN	2	40 50	75 05	289	5P	5P	MISS C. S. HIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	T	39 48	74 57	150		7A	SAMUEL H. MC CULLEY	3
BOONTON	0907	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WRT WKS	2 3 5
BRANCHVILLE	0978	SUSSEX	2	41 00	74 47	570		7A	ALBERT H. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	30 28	75 12	114	0A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 55	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	0A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	30 28	75 25	10		0A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	N.WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1500	MORRIS	8	40 44	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	00	5P	5P	WILLIAM S. HAINES	INAC 5/50
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTEROON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2200	SALEM	2	39 41	75 30	12	MID	DU PONT DE NEMOURS		3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2788	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTEROON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		5P	F. A. RODENBAUGH	INAC 10/55
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	30 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS	3416	WARREN	2	40 53	74 55	560		MID	EDWARD KOWALICK	C
GREENWOOD LAKE	3516	PASSAIC	8	41 00	74 20	660		7A	WATER SUPPLY COMM	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4220	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4330	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	MID	MID	GEORGE G. WADDILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. M. DEPUE	2 3 5
LEESBURG STATE FARM	4762	CUMBERLAND	6	30 14	74 58	10	8A	8A	LEESBURG STATE FARM	2 3 5
LITTLE FALLS WATER CO	4887	PASSAIC	8	40 53	74 14	157	0A	0A	PASSAIC VLY WTR CO	2 3 5 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 50	34	MID	MID	STORM WARN. DSPL STA	2 3 5 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	30 58	74 48	25		MID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	1020		9A	NEWARK WATER DEPT	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RADCLIFFE	3
NARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	30 54	74 5T	90		6P	DAVID GRISCON	3
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P	ELMER EARLE	3
MIDLAND PARK	5503	BERGEN	8	40 59	74 09	210		MID	CORNELIUS HOWARD	3
MILVILLE	5576	CUMBERLAND	6	30 24	75 03	60		MID	L. J. GALLAHER	3 C
MILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A	H. J. WILLARD	2 3 5 7
MORRIS PLAINS	5709	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTHUR H. AHLQUIST	2 3 5 7
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	505	8A	8A	NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
ORANGE	6500	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. DOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5
PHILLIPSBURG BRIDGE	6970	WARREN	2	40 42	75 12	106		0A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7070	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 10	74 40	00		MID	PRINCETON WATER CO	3
RAHWAY	7393	UNION	0	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 20	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	7860	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8104	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. HAVER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	6P	6P	BRICE B. STANTON	2 3 5 7
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TONS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MID	H. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID	E. H. RISTOW	2 3 5 C
TRENTON WB CITY	8883	MERCER	2	40 13	74 46	96	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8899	OCEAN	1	39 35	74 22	45	8A	8A	VERNON W. MOTT	INAC 1/56
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3 3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 02	74 18	320		8A	WATER SUPPLY COMM	3 C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MID	BONNIE BURN SAN.	C
WESTFIELD	9455	UNION	9	40 39	74 21	135		5P	TOWN ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	0910	SALEM	2	39 40	75 20	10	6P	8A	WOODROW W. HALTER	INAC 2/56

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 8.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Long-term means for full-time Weather Bureau stations (those shown in the Station Index as United States Weather Bureau Stations) are based on the period 1921-1950, adjusted to represent observations taken at the present location.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
+ And also on a later date or dates.
* Amount included in following measurement, time distribution unknown.
\# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
AM Data based on observations; day ending before noon.
B Adjusted to a full month.
C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in Hourly Precipitation Data.
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
T Trace, an amount too small to measure.
V Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC., Asheville, N. C. --- 11/7/56 --- 750

05
J
1
1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

OCTOBER 1956
Volume LXI No. 10

THE LIBRARY OF THE
DEC 20 1956
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1956

NEW JERSEY - OCTOBER 1956

WEATHER SUMMARY

GENERAL

New Jersey weather in October was slightly warmer and wetter than usual.

Divisional temperature averages were near the long-term values. Extreme readings ranged from 20° on the 11th and later dates at Layton 3 NW to 88° at Elizabeth on the 15th and Boonton on the 16th. Seventy-one percent of the stations reported minimum readings for the month that were freezing or below.

Division-wise, precipitation varied widely with more than twice as much in the Coastal as the Northern. The greatest monthly total was 9.03 inches at Belleplain, while the least monthly total was 1.08 inches at Wanaque Raymond Dam. High honors for the greatest 24-hour precipitation amount was claimed by Cape May 3 W with 3.50 inches on the 18th, while Sandy Hook LBSTA followed as a close second with 3.31 inches on the 31st.

The percentage of sunshine during the month was less than usual, reflecting the greater than usual daytime cloudiness.

WEATHER DETAILS

The weather was a little cooler than average through the 9th and the coolest snap of the month dropped minimum temperatures into the thirties the 10th-12th. A warming trend was underway by the 13th and maxima were mostly in the low eighties, the highest for the month, on the 15th. There was moderately cool weather for two brief periods, 19th-20th and 25th-26th, but otherwise the latter half of October was quite warm.

Light to moderate rains fell the 4th and 6th followed by an eleven-day dry period that ended when a coastal storm caused moderate to locally heavy rains on the 18th. Rather heavy rains fell in most areas the 22nd-23rd, light rains were of a general nature the 26th-27th, and showery weather gave moderate amounts of rain the 30th-31st.

WEATHER EFFECTS

Moderate quantities of beans, beets, broccoli, cabbage, carrots, cauliflower, celery, lettuce, peppers, and spinach were moving to market early in October. Some late harvesting of white potatoes was still underway and harvesting of a good to excellent crop of sweet potatoes became active early in the month. The long period of dry weather following the 6th was very favorable for harvesting. Tender varieties of vegetables were damaged by frosts the 10th-12th and marketings declined. Hardy vegetables were not hurt and the usual seasonal increase in marketings was noted. Plentiful moisture supplies and mild weather enabled fall grain to get a good start, but frequent rains the latter part of October interfered with harvest operations.

DESTRUCTIVE STORMS

17th-18th: A northeaster caused strong winds and heavy rains over the southeast coastal areas as a coastal storm moved through the extreme east portion of North Carolina and the Virginia Capes area. Atlantic City recorded winds up to 52 mph and accumulated 2.96 inches of rain in 24 hours. Tides were 1 to 1 1/2 feet above normal. Several small craft were swamped and some water damage occurred along the immediate coast.

FLOODS

No stream flooding occurred.

F. W. Long & J. T. B. Beard,
Climatologists
U. S. Weather Bureau
Weather Records Processing Center
Chattanooga, Tennessee

CLIMATOLOGICAL DATA

TABLE 2

NEW JERSEY
OCTOBER 1956

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max 90° or Above	Max 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No of Days: .10 or More	.50 or More	1.00 or More
NORTHERN																								
BELVIDERE		69.3	43.6	56.5	1.6	84	15	28	11	257	0	0	2	0	3.36	- .05	2.10	23	.0	0		6	2	1
BOONTON 2 SE	AM	65.8	40.1	53.0	- .5	88	16	27	11	369	0	0	5	0	2.26	- .96	1.54	23	.0	0		3	1	1
CANOE BROOK	AM	66.0	40.6	53.3	- .6	85	16	26	11	354	0	0	8	0	3.02	- .22	2.23	23	.0	0		3	1	1
CHARLOTTEBURG	AM	64.5	34.9	49.7	- 3.0	83	16	23	11+	466	0	0	12	0	2.21	- 1.56	1.25	23	.0	0		4	2	1
ELIZABETH		69.1	46.4	57.8	1.0	88	15	32	11	225	0	0	1	0	5.04	1.73	2.62	23	.0	0		6	3	2
ESSEX FELLS SERV BLDG	AM	68.4	41.5	55.0		84	16	27	11	310	0	0	3	0	1.70		1.15	23	.0	0		3	1	1
FLEMINGTON 1 NE		67.3	41.4	54.4	- 1.7	84	15	27	11+	327	0	0	6	0	3.67	.49	2.41	23	.0	0		6	1	1
JERSEY CITY		63.3	48.6	56.0	- 1.0	78	15	34	12	275	0	0	0	0	3.76	.78	1.75	31	.0	0		5	3	1
LAMBERTVILLE		67.4	43.9	55.7	.1	83	15	29	11	287	0	0	3	0	2.91	- .08	1.15	23	.0	0		7	2	1
LAYTON 3 NW		67.3	35.4	51.4	- .3	84	15	20	11+	417	0	0	15	0	1.68	- 1.69	.70	7	.0	0		4	2	0
LITTLE FALLS WATER CO	AM	67.7	41.7	54.7	- .9	87	16	28	11	313	0	0	5	0	2.39	- 1.10	1.73	23	.0	0		3	1	1
LONG VALLEY		66.8	42.1	54.5		83	15	24	11	319	0	0	8	0	3.49	.05	1.05	23	.0	0		6	3	1
MORRIS PLAINS		66.6	42.4	54.5		84	15	27	11	318	0	0	4	0	4.07		2.65	23	T	0		4	2	1
NEWARK WB AIRPORT	R	66.0	48.3	57.2	1.6	86	15	38	11	244	0	0	0	0	3.83	.63	1.76	31	.0	0		5	3	1
NEWTON	AM	64.5	37.5	51.0	- 1.9	82	16	25	11+	427	0	0	10	0	2.30	- 1.13	1.31	23	.0	0		3	2	1
PATERSON	AM	66.8	46.0	56.4	.1	85	16	35	11	267	0	0	0	0	1.84	- 1.42	.83	23	.0	0		4	2	0
PHILLIPSBURG			43.4	M				30	11		0	0	3	0	3.42	- .07	1.91	23	.0	0		5	2	1
PLAINFIELD		67.2	45.6	56.4	.5	86	15	29	11	261	0	0	1	0	3.58	.26	1.70	22	.0	0		5	2	1
RIDGEFIELD		66.7	45.7	56.2	.6	85	15	30	11	265	0	0	1	0	3.78	.42	2.05	31	.0	0		5	2	1
SOMERVILLE		67.9	44.2	56.1	.6	85	15	27	11	272	0	0	5	0	3.19	- .09	1.61	23	.0	0		7	2	1
SUSSEX 3 N		65.4	40.8	53.1	- .5	83	15	26	11	360	0	0	6	0	1.96	- 1.24	.62	23	.0	0		5	2	0
DIVISION				54.6	- .1										3.02	- .29			T					
SOUTHERN																								
AUDUBON		67.8	47.2	57.5		83	15	32	11	229	0	0	1	0	4.50		1.67	23	.0	0		7	3	2
BELLEPLAIN		69.3	47.8	58.6		81	15	30	11	196	0	0	1	0	9.03	5.39	3.01	31	.0	0		10	4	3
BRIDGETON 1 NE	AM	67.7M	47.0M	57.4M		78	16			226	0	0	2	0	5.33		2.00	23	.0	0		6	4	2
BURLINGTON		68.5	48.7	58.6	.6	83	15	36	11	192	0	0	0	0	4.50	1.18	1.50	18	.0	0		6	3	2
CLAYTON		67.1	47.7	57.4		78	15	33	11	231	0	0	0	0	4.57		1.86	18	.0	0		6	3	1
FREEHOLD		66.3	47.1	56.7	.6	81	15	30	11	250	0	0	1	0	4.55	1.03	1.53	31	.0	0		5	3	2
HAMMONTON 2 NNE	AM	67.8	44.0	55.9	.6	82	16	33	11+	277	0	0	0	0	4.89	1.22	1.45	23	.0	0		7	3	3
HIGHTSTOWN 1 N		66.7	45.6	56.2	.2	83	15	30	11	269	0	0	2	0	3.26	- .01	.93	18	.0	0		7	3	0
INDIAN MILLS 2 W		67.2	44.1	55.7	- .4	82	15	26	11	284	0	0	4	0	5.63	2.28	1.98	31	.0	0		7	3	3
LAKEWOOD 2 ENE		65.2	43.9	54.6	- .9	81	15	29	11	315	0	0	3	0	5.03	1.12	1.82	31	.0	0		6	3	3
LEESBURG STATE FARM	AM	67.0	46.9	57.0		76	4+	32	11	244	0	0	1	0	5.99		1.98	18	.0	0		6	4	3
MOORESTOWN		66.7	45.7	56.2	.3	81	15	30	11	267	0	0	1	0	3.39	.39	1.17	23	.0	0		6	2	1
NEW BRUNSWICK EXP STA		66.5	46.3	56.4	.2	82	15	31	11	259	0	0	1	0	3.50	.38	1.20	23	.0	0		7	2	1
PEMBERTON 3 E		68.4	45.3	56.9	- .1	82	15	29	11	244	0	0	2	0	5.06	1.84	1.78	18	.0	0		6	4	2
PLEASANTVILLE 1 N	AM	66.5	47.7M	57.1M	.5	77	4+			227	0	0	0	0	5.52	2.11	1.95	18	.0	0		7	5	2
RUNYON		68.5	41.1	54.8	.2	85	15	21	11	309	0	0	6	0	3.09	- .28	1.12	31	.0	0		6	3	1
TRENTON 2		66.9	47.2	57.1		83	15	33	11	241	0	0	0	0	3.38	.13	.89	18	.0	0		6	3	0
TRENTON WB CITY	R	65.6	48.8	57.2	1.1	81	15+	37	11	240	0	0	0	0	4.22	1.57	1.18	23	.0	0		6	4	1
DIVISION				56.7	.1										4.75	1.48			.0					
COASTAL																								
ATLANTIC CITY WB	R	63.8	53.9	58.9	.9	74	3	39	11	183	0	0	0	0	5.88	2.67	2.95	18	.0	0		5	4	2
CAPE MAY 3 W		67.2	53.6	60.4		75	3+	40	11	138	0	0	0	0	6.95		3.50	18	.0	0		6	2	2
LONG BRANCH		64.6	48.5	56.6	.4	77	15+	33	11	253	0	0	0	0	5.92	2.42	2.68	31	.0	0		5	3	3
SANDY HOOK LBSTA		63.5	52.3	57.9	- .1	76	16	43	25	213	0	0	0	0	6.04	3.17	3.31	31	.0	0		5	4	2
DIVISION				58.5	.5										6.20	3.10			.0					

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Percent of time from prevailing	Wind speed m. p. h.: Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Relative humidity averages - percent: 1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Number of days with precipitation: Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB CITY	-	-	18.5	59	E	28	-	-	-	-	3	8	1	2	1	1	14	48	8.5
LONG BRANCH	NE	20	14.4	46	E	26	-	84	67	70	4	1	2	0	2	1	10	87	5.4
NEWARK WB AIRPORT	NNE	24	9.1	27*	N	18	82	82	56	70	4	1	2	2	1	0	10	-	5.2
TRENTON WB CITY	-	-	8.6	24	E	26	-	-	-	-	4	1	2	3	1	0	11	56	5.5

* Fastest observed one minute wind speed. This station is not equipped with automatic recording wind instruments.

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
OCTOBER 1956

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
ATLANTIC CITY WB R	5.88		T		.20		1.08	.03										.01	2.95			.01	.52	.03			T	.05	T		.04	.96
AUDUBON	4.50				.27		.40	T											1.13			T	.50	1.67			T	.10			T	.43
BASS RIVER ST FOREST	5.60		T		.33			.53											2.12				.75	.13				.04				1.70
BELLEPLAIN	9.03				.40			.34											2.58	.18		.08	1.50	.56	.11		.10	.17				3.01
BELMAR	5.40						1.53												1.55				.07	.28								1.97
BELVIDERE	3.36				.26		T	.58													T		.15	2.10				.11				.16
BERLIN 1 W	5.88							.38											.75	1.25				1.75	.25			.25				1.25
BOONTON 2 SE	2.26					.21		.39	T													T		1.54				.04				.08
BRANCHVILLE	2.10					.24		.80	.02													T		.91	.03							.10
BRIDGETON 1 NE	5.33	.02			T	.35	.02	.57						T		.03			1.02	.30	.02		.03	2.00	.03			.04		.02		.88
BURLINGTON	4.50				.26			.43											1.50				.22	1.25			.02			.02		.80
CANISTEAR RESERVOIR	1.92					.29		.58	.02													.01		.92	.01			.03				.06
CANOE BROOK	3.02	.03				.20		.44											T					2.23	.02			.03				.07
CANTON	5.38	.01				.04		.87											1.25			.03	.03	2.50				.10				.55
CAPE MAY 3 W	6.95				.34		.02	.23											3.50				.27	.43	.02		.03	.05			.01	2.05
CEDAR GROVE	2.58							.69																1.79								.10
CHARLOTTEBURG	2.21					.25		.56																1.25	.01							.14
CHATHAM	2.80	T				.19		.38																2.15	T				T			.08
CLAYTON	4.57		T		.21		T	.42											1.86				.97	.34			.06	T	T			.71
CLINTON	2.39				.25																	T	.13	1.67				.09				.25
DEEPWATER	3.52				.28		.24												.73				1.69	.03			.06	.01			.12	.36
ELIZABETH	5.04				.24			.65											.10				.11	2.62	.01			.02				1.29
ELIZABETHPORT	3.81				.19		.40												.10				1.21	.63			T					1.28
ESSEX FELLS SERV BLDG	1.70					.23		.32	T															1.15								
FLEMINGTON 1 NE	3.67				.28	.02	.04	.24														.01	.12	2.41	.12		T	.05	T		T	.38
FREEHOLD	4.55				.24			.90											1.32				.07	.45			.04					1.53
GREENWOOD LAKE	1.40			T		.26		.49	T										T			T	T	.46	.02			.02				.15
HAMMONTON 2 NNE	4.89					.20	.25												1.08	.43		.01	.04	1.45	.30			.02	.01			1.10
HIGHTSTOWN 1 N	3.26				.23		T	.31											.93				.13	.73			T	.15			T	.78
INDIAN MILLS 2 W	5.63		T		.16		.17	.29											1.38				.38	1.25			.01	.01			T	1.98
IRVINGTON	4.37				.17		.54	.09															1.01	.75								1.81
JERSEY CITY	3.76				.23		.39	.05											.02				.82	.50								1.75
LAKEWOOD 2 ENE	5.03		T		.15		1.16	.02											1.43				.16	.29			T	T				1.82
LAMBERTVILLE	2.91				.35		.13	.20											.28			.01	.15	1.15	.02			.05				.57
LAYTON 3 NW	1.68				.19		.02	.70														.03	.04	.51	.01							.18
LEESBURG STATE FARM	5.99				T	.50		.25											1.98	.34		.04	.08	1.45	.08			.08	.04			1.15
LITTLE FALLS WATER CO	2.39					.19		.34														.01	.01	1.73				.02				.09
LONG BRANCH	5.92				.16		1.40	T											1.39				.08	.21			T	T			T	2.68
LONG VALLEY	3.49				.24		.33	.05														.02	.95	1.05				.10				.75
MACOPIN INTAKE	2.28					.26		.55														T		1.30	.02			.01				.14
MANVILLE	3.57				.23	T	.44	T											.11				1.23	.65				.10				.81
MARLTON 1 W	4.16				.24			.35											1.32				.27	1.20				.08				.70
MAYS LANDING	4.76				.40		.52												.10				.21	.42			.03	.14				2.94
MIDLAND PARK	2.96				.18			.36															.27	.25								1.90
MILLVILLE	5.04				.27		.32											.05	1.63				1.57	.12			.02					
MILTON	3.14					.47		.58															.12	1.72				.11				.14
MOORESTOWN	3.39				T	.27		.47											.89	.27		.03	.01	1.17	.20			.05				.03
MORRIS PLAINS	4.07				.25		T	.37											T				.04	2.65			T	.06				.70
NEWARK WB AIRPORT R	3.83		T		.23		.51	T											.03				.89	.41			T	T				1.76
NEW BRUNSWICK EXP STA	3.50				.19		T	.47											.46				.22	1.20	.12			T				.84
NEW MILFORD	2.94				.26		.38	.20															.20	.36								1.54
NEWTON	2.30					.20		.63																1.31	.03			.09				.04
OAK RIDGE RESERVOIR	2.73					.35		.56																1.54				.09				.19
ORANGE	4.41				.14		.38	.25															1.03	.78			.01					1.82
PATERSON	1.84	T				.20		.68	.01										T			T		.83	T		T	T	T			.12
PEMBERTON 3 E	5.06				.19			.51											1.78			.04	.28	.83	.03		.02	.06				1.32
PHILLIPSBURG	3.42				.30	T	T	.69															.23	1.91	T			.03				.26
PHILLIPSBURG BRIDGE	3.19					.07		.96																1.97	.15	.04						
PLAINFIELD	3.58				.22		.01	.38											.06			T	1.70	.36	.04		.02	T				.79
PLEASANTVILLE 1 N	5.52				T	.26	T	.58											1.95	.84		.02	.08	.52	.11		T	.09				1.07
PRINCETON WATER WORKS	2.92				.22		.30												.52				.49	.69			.08				.02	.60
RAHWAY	3.07				.20		.40	T											.09				.68	.38			.02					1.30
RIDGEFIELD	3.78				.22		.45	.05											T				.56	.45								2.02
RINGWOOD	1.37				.03	.22		.57	.01														T	.49	T			.01				.04
RUNYON	3.09				.24			.30											.61				.17	.65								1.12
SANDY HOOK LBSTA	6.04				.11			1.02											.95				T	.60	.05		T					3.31
SOMERVILLE	3.19				.23			.41											.02				.16	1.61	.11			.13				.52
SPLIT ROCK POND	2.75					.29		.55																1.81	.02			.02				.06
SUSSEX 3 N	1.96				.28		T	.58															.03	.62				.14				.31
SWEDESBORO 5 NW	3.32	.01			.20	.17		.33	T										.70	.01			.01	1.20	T			.09		T		.60
TOMS RIVER	4.87				.21		.03	1.20											1.66				.19	.53			T					1.05
TRENTON 2	3.38				.24		.39	T											.89				.59	.37			.04	.01			.04	.81
TRENTON WB CITY R	4.22		T		.22		.30												.84		T		.89	1.18			.02	T			T	.77
VINELAND	3.55			.01		.32		.43											.95	.56		.01	.01	.56	.03			.06				.61
WANAQUE RAYMOND DAM	1.08					.20		.31	.02															.46				.02				.07
WESTFIELD	3.32				.21			.47										.01					*	1.45	.01			.01				1.16
WOODCLIFF LAKE	3.00				.20		.28	.14															.19	.35								1.84

See Reference Notes Following Station Index

DAILY TEMPERATURES

NEW JERSEY
OCTOBER 1956

Table 5

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	70	67	74	66	65	65	67	67	72	60	55	57	60	64	71	67	68	64	56	63	65	64	64	67	56	59	61	58	60	62	64	63.8
	MIN	53	50	57	62	59	59	54	49	51	45	39	46	46	47	55	56	61	52	48	55	57	61	61	56	52	53	58	56	56	57	61	53.9
AUDUBON	MAX	68	74	77	67	69	67	67	70	68	59	59	63	68	76	83	80	75	71	60	69	71	67	71	70	51	54	62	65	66	64	70	67.8
	MIN	49	43	51	54	45	43	57	42	46	39	32	35	40	41	47	47	54	59	40	39	54	55	62	49	40	44	50	48	44	54	60	47.2
BELLEPLAIN	MAX	76	77	77	75	72	68	67	70	72	65	56	59	70	73	81	78	72	71	65	68	68	70	71	70	68	58	66	65	65	65	70	69.3
	MIN	47	39	50	52	57	43	58	42	51	37	30	33	39	35	43	44	55	61	42	40	52	57	56	56	44	51	52	51	47	55	62	47.8
BELVIDERE	MAX	72	70	77	69	71	65	66	71	68	61	62	60	68	80	84	83	83	74	66	67	69	62	73	69	69	55	69	67	66	66	66	69.3
	MIN	47	39	47	48	48	35	55	35	45	35	28	30	33	38	44	44	46	56	36	33	52	50	54	56	35	36	46	49	46	51	56	43.6
BOONTON 2 SE	MAX	63	65	66	71	61	66	64	65	65	64	57	58	58	66	76	88	81	78	71	58	62	68	64	73	65	55	55	61	65	63	68	65.8
	MIN	47	38	39	45	49	34	35	41	44	36	27	28	30	31	36	45	45	44	36	32	33	41	54	57	36	35	43	48	38	43	53	40.1
BRIDGETON 1 NE	MAX	69	68	72	75	69	69		67	69	70		58	62		71	78	76	72	68	61		70	69	70	70	52	58		65	67	66	67.7
	MIN	47	40	52	52	56	43		43	51	38		32	40		38	43	51	60	42	39		46	61	54	42	44	47		47	54	60	47.0
BURLINGTON	MAX	66	75	76	71	69	68	69	71	69	63	59	61	67	77	83	82	75	73	69	66	70	71	67	67	63	54	61	64	64	64	69	68.5
	MIN	47	44	53	54	55	48	56	46	48	41	36	38	43	46	47	46	54	60	44	41	46	54	63	59	41	45	51	50	45	50	59	48.7
CANOE BROOK	MAX	63	65	70	71	61	67	69	65	69	64	57	59	66	65	78	85	81	75	69	57	62	70	65	72	64	52	54	60	62	62	67	66.0
	MIN	48	41	45	44	49	37	39	42	44	30	26	28	32	35	41	43	45	46	29	32	47	46	53	53	31	35	46	44	31	45	52	40.6
CAPE MAY 3 W	MAX	67	70	75	68	70	67	67	67	69	67	60	63	64	70	72	75	71	67	65	66	68	67	70	71	58	60	66	65	65	65	68	67.2
	MIN	56	46	61	61	59	56	60	54	57	45	40	44	46	42	56	50	60	60	46	46	57	60	61	55	47	53	57	55	55	56	61	53.6
CHARLOTTEBURG	MAX	60	62	68	70	60	63	62	62	66	61	55	56	55	64	78	83	80	79	67	60	64	64	64	70	62	55	58	61	62	62	66	64.5
	MIN	47	34	35	39	45	28	28	39	38	31	23	23	24	26	35	39	39	39	36	32	31	39	44	51	34	32	34	38	28	30	42	34.9
CLAYTON	MAX	67	71	76	69	69	68	65	67	67	61	57	61	67	72	78	74	74	69	66	65	69	69	71	68	62	55	61	62	65	65	71	67.1
	MIN	47	42	52	54	53	44	57	45	47	37	33	34	39	39	45	47	53	60	42	37	54	56	62	56	42	42	53	51	47	51	57	47.7
ELIZABETH	MAX	69	75	76	64	71	67	70	70	73	64	63	61	66	78	88	84	78	69	68	66	71	64	74	69	59	55	61	67	67	69	66	69.1
	MIN	48	42	50	49	49	42	57	42	47	37	32	38	38	39	48	48	50	59	42	40	53	53	62	47	40	43	50	50	43	42	58	46.4
ESSEX FELLS SERV BLDG	MAX	65	70	72	74	68	65	64	65	65	67	60	58	60	70	82	84	83	74	67	65	67	70	68	67	66	65	62	70	68	69	70	68.4
	MIN	40	44	42	47	44	35	42	38	42	33	27	30	30	39	50	49	50	51	34	35	40	48	55	52	44	38	39	42	36	39	50	41.5
FLEMINGTON 1 NE	MAX	67	71	73	71	62	66	65	69	65	58	59	56	68	78	84	83	78	73	67	61	67	63	76	67	58	56	61	64	64	67	68	67.3
	MIN	46	37	46	46	44	31	56	42	44	28	27	27	30	33	42	40	44	56	34	28	40	47	61	57	35	33	47	44	36	51	50	41.4
FREEHOLD	MAX	65	73	72	68	67	65	66	68	66	59	59	59	65	75	81	80	74	67	65	63	70	66	71	66	60	52	61	61	62	63	65	66.3
	MIN	47	42	49	53	52	39	59	43	49	36	30	33	35	41	50	51	54	58	41	36	53	55	61	56	41	45	50	48	45	53	56	47.1
HAMMONTON 2 NNE	MAX	66	71	75	80	66	70	67	70	71	72	61	60	61	71	76	82	76	73	67	60	70	72	70	66	70	52	56	62	63	61	65	67.8
	MIN	45	42	44	53	55	43	44	43	44	36	33	34	35	39	35	44	40	45	41	33	41	55	60	52	42	42	45	50	45	49	55	44.0
HIGHTSTOWN 1 N	MAX	67	73	74	62	69	65	67	69	68	60	60	59	68	76	83	82	73	67	66	63	69	65	70	67	60	53	60	62	62	63	66	66.7
	MIN	45	40	50	48	52	38	58	43	48	35	30	31	35	37	48	45	48	59	39	35	51	51	61	57	38	43	49	48	41	53	57	45.6
INDIAN MILLS 2 W	MAX	67	73	75	66	70	65	66	69	68	59	60	61	69	75	82	78	77	67	63	66	71	67	67	71	53	54	61	65	66	65	67	67.2
	MIN	45	37	46	48	50	35	54	40	43	30	26	29	33	34	41	40	47	60	37	32	51	54	61	53	38	44	53	48	43	54	60	44.1
JERSEY CITY	MAX	65	62	71	62	66	61	65	67	65	56	56	54	61	69	78	74	70	66	56	56	67	63	69	63	52	52	60	62	61	66	66	63.3
	MIN	50	45	54	52	49	42	53	47	51	41	36	34	40	48	55	55	55	55	43	43	54	57	62	47	40	41	50	52	47	50	59	48.6
LAKEWOOD 2 ENE	MAX	67	70	75	63	67	65	67	70	68	59	58	57	62	76	81	78	69	65	55	60	68	67	71	68	53	55	60	61	61	61	64	65.2
	MIN	42	39	45	45	40	37	50	42	36	32	29	30	33	33	46	42	47	49	38	34	51	52	58	49	45	47	55	50	50	54	60	43.9
LAMBERTVILLE	MAX	68	71	73	69	68	65	66	69	66	59	59	61	66	77	83	81	76	73	69	65	66	63	71	67	61	55	60	64	64	64	70	67.4
	MIN	43	39	45	48	48	36	58	40	44	33	29	30	33	38	43	43	46	59	36	32	52	51	62	55	36	41	48	46	37	52	58	43.9
LAYTON 3 NW	MAX	63	65	79	70	64	62	64	68	65	56	58	58	68	80	84	82	80	78	74	62	70	61	72	71	60	50	60	63	65	70	64	67.3
	MIN	42	32	42	38	32	30	50	32	30	21	20	20	26	32	40	35	43	42	20	24	43	40	54	50	30	38	40	42	28	31	50	35.4
LEESBURG STATE FARM	MAX	67	70	70	76	67	72	65	67	66	71	60	60	61	67	70	76	76	72	65	60	67	69	70	69	72	54	60	66	61	66	65	67.0
	MIN	50	41	40	53	57	45	49	45	49	39	32	34	39	35	43	45	48	57	43	39	50	57	61	55	44	42	50	53	47	54	59	46.9
LITTLE FALLS WATER CO	MAX	65	68	70	75	63	69	64	67	70	66	59	60	59	67	80	87	82	79	70	60	64	71	66	74	66	62	54	63	63	65	70	67.7
	MIN	46	40	45	46	47	36	36	43	48	36	28	31	32	34	45	45	46	48	36	32	32	46	54	57	38	42	45	44	36	46	53	41.7
LONG BRANCH	MAX	64	67	72	64	65	66	66	69	66	57	56	56	62	75	77	77	69	66	57	60	66	65	70	66	53	55	61	60	69	61	65	64.6
	MIN	47	42	49	49	52	53	48	42	43	38	33	36	38	42	53	52	51	52	47	49	55	57	60	51	44	47	55	54	50	54	60	48.5
LONG VALLEY	MAX	66	67	76	69	66	63	65	67	64	56	57	59	67	78	83	80	81	71	66	63	65	63	70	68	59	62	59	63	67	66	65	66.8
	MIN	48	46	48	46	48	31	53	37	39	31	24	30	28	34	40	39	42	56	30	38	49	49	59	54	32	42	48	49	32	46	56	42.1
MOORESTOWN	MAX	66	72	74	65	68	66	65	68	66	59	59	61	67	74	81	80	74	71	58	67	70	67	71	68	51	54	62	64	65	65	69	66.7
	MIN	45	41	50	52	43	40	52	42	40	37	30	33	37	38	48	44	51	56	41	37	54	55	61	49	39	45	51	46	45	55	61	45.7
MORRIS PLAINS	MAX	65	66	71	71	65	65	64	66	66	61	58	55	65	76	84	82	80	74	69	61	67	66	72	73	63	52	57	51	61	65	65	66.6
	MIN	48	36	44	44	47	34	54	40	42	35	27	28	29	35	45	43	44	55	37	30	47	45	60	53	37	35	46	50	37	50	56	42.4
NEWARK WB AIRPORT	MAX	66	69	72	63	69	64	68	70	66	57	58	56	62	78	86	80	76	70	57	61	69	64	73	65	53	54	62	63	62	67	65	66.0
	MIN	50	46	55	53	50	45	52	45	49	43	38	39	42	43	52	54	55	49	40	42	55	55	62	45	40	43	49	50	45	52	58	48.3
NEW BRUNSWICK EXP STA	MAX	66	70	72	70	67	65	65	68	67	61	58	58	63	75	82	80	74	70	69	61	67	66	70	69	63	54	61	62	60	63	66	66.5
	MIN	45	42	50	49	51	43	57	44	46	38	31	35	37	38	47	47	50	57	40	38	51	53	60	58	39	42	49	48	42	52	55	46.3
NEWTON	MAX	61	64	66	71	58	63	62	63	66	61	55	58	55	65	77	82	81	78	69	59	62	68	60	69	63	54	52	69	61	61	66	64.5
	MIN	47	35	39	42	49	29	35	39	44	34	25	25	27	31	37	39	40	40	35	29	32	45	49	53	32	30	39	45	30	38	47	37.5
PATERSON	MAX	65	65	70	71	62	69	67	69	70	67	59	58	59	64	76	85	81	75	70	60	63	71	67	75	65	56	54	63	64	63	69	66.8
	MIN	52	44	46	50	52	42	45	46	48	41	35	37	38	42	50	54	51	52	40	39	45	52	55	61	39	39	44	50	39	46	52	46.0
PEMBERTON 3 E	MAX	69	74	76	72	70	69	69	69	70	61	61	62	71	76	82	80	74	69	67	64	72	67	68	69	62	54	61	65	65	64	67	68.4
	MIN	44	39	45	49	50	36	57	40	43	33	29	31	34	36	35	42	49	60	40	36	58	55	61	60	41	45	51	49	44	53	59	45.3
PHILLIPSBURG	MAX															82	84	81	78	76	65	65	66	73	73	67	55	60	68	65	68	69	
	MIN	45	39	44	48	47	35	55	42	42	33	30	31	36	34	43	43	44	58	38	32	52	51	60	59	34	36	47	47	37	42	52	43.4
PLAINFIELD	MAX	67	70	75	61	72	66	68	69	68	61	62	60	66	77	86	83	76	69	61	63	70	63	73	66	55	55	62	65	65	65	65	67.2
	MIN	49	41	46	47	47	41	55	42	45	34	29	35	35	37	45	46	50	59	40	37	52	51	62	53	40	41	50	50	43	52	59	45.6
PLEASANTVILLE 1 W	MAX	66	69	70	77	67	70	68	64	69	70	60	59	62	65	71	77	76	71	64	60	66	70	66	66	70	55	59	64	60	66	64	66.5
	MIN	46	40	41	54	57	44	44	43	43	41			39	36	37	43	46	59	40	38	42	54	58	58	50	51	53	55	55	56	59	47.7
RIDGEFIELD	MAX	65	69	73	61	68	70	67	70	67	58	59	58	65	75	85	80	76	67	60	64	69	67	72	61	55	57	63	67	64	70	65	66.7
	MIN	50	42	48	48	49	40	58	44	41	35	30	35	37	42	49	50	50	58	41	39	54	52	58	42	39	42	48	48	42	49	56	45.7
RUNYON	MAX	74	74	76	69	71	69	68	71	70	62	60	62	65	77	85	82	75	70	67	64	69	69	71	69	62	52	43	64	64	63	66	68.5
	MIN	38	36	39	43	38	33	48	38	43	32	21	25	27	27	43	39	43	54	38	29	44	45	56	58	42	40	50	48	48	52	58	41.1
SANDY HOOK LBSTA	MAX	64	64	69	63	64	64	66	65	65	60	54	56	59	67	74	76	69	65	64	60	65	65	69	65	60	55	60	60	58	61	63	63.5
	MIN	53	51	54	58	55	54	59	49	50	44	44	47	48	49	56	57	56	59	46	48	56	57	57	58	43	47	53	53	49	54	57	52.3

See Reference Notes Following Station Index

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
SOMERVILLE	MAX	68	71	75	62	70	66	67	69	68	60	60	60	67	77	85	83	78	73	69	64	68	65	73	66	64	56	61	64	64	66	66	67.9
	MIN	45	40	44	47	47	39	58	40	40	30	27	32	32	35	44	43	45	59	40	32	52	50	62	58	44	40	48	49	41	52	56	44.2
SUSSEX 3 N	MAX	63	67	71	61	64	62	63	64	65	55	58	57	65	78	83	81	79	68	58	63	69	60	71	67	59	59	60	62	63	68	65	65.4
	MIN	46	35	48	43	45	31	51	42	39	34	26	27	29	39	42	43	42	50	34	30	48	45	56	54	31	36	43	46	35	40	56	40.8
TRENTON 2	MAX	67	73	73	63	68	67	67	69	68	60	60	61	67	75	83	80	75	70	63	67	70	64	67	68	53	54	60	66	65	64	67	66.9
	MIN	48	44	52	53	49	41	53	45	47	40	33	34	39	42	50	50	52	60	40	38	53	55	61	48	39	43	50	48	43	54	58	47.2
TRENTON WB CITY	MAX	66	71	71	65	67	66	66	68	66	57	57	59	65	75	81	81	73	71	57	63	70	65	68	67	51	53	61	62	62	64	67	65.6
	MIN	52	47	54	55	51	46	52	48	48	43	37	38	41	44	52	53	54	55	43	40	54	55	61	48	40	43	50	50	46	54	59	48.8

Table 6

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
CANOE BROOK	EVAP	–	.09	.10	*	*	.25	.00	.17	.09	.13	.10	.08	.03	.06	.08	.10	.07	.01	.07	.09	.04	.05	–	–	.19	.13	.00	.07	.04	*	.04	B2.30
	WIND	10	3	6	20	1	9	18	33	11	22	14	7	7	6	2	2	4	5	24	15	6	2	21	3	24	43	17	25	23	8	6	397
PLEASANTVILLE 1 N	EVAP	.42	.08	.11	.11	.14	.07	.03	.11	.17	.22	.13	.04	.08	.00	.08	.07	.06	–	–	.10	*	*	.21	–	.10	.06	.02	.05	.04	.07	.04	B2.89
	WIND	8	17	30	19	11	25	32	47	33	40	26	14	10	9	12	6	2	68	34	7	9	26	4	15	5	4	107	63	36	46	37	802
RUNYON	EVAP	.06	.07	.07	.04	.06	.04	.08	.08	.09	.08	.07	.07	.06	.04	.04	.08	.08	.00	.09	.02	*	*	.03	.05	.10	.10	.04	.04	.04	.18	–	B1.86
	WIND	4	5	0	3	4	3	19	14	12	12	3	10	10	9	4	4	4	5	9	14	8	13	5	20	35	35	20	20	26	54	58	442

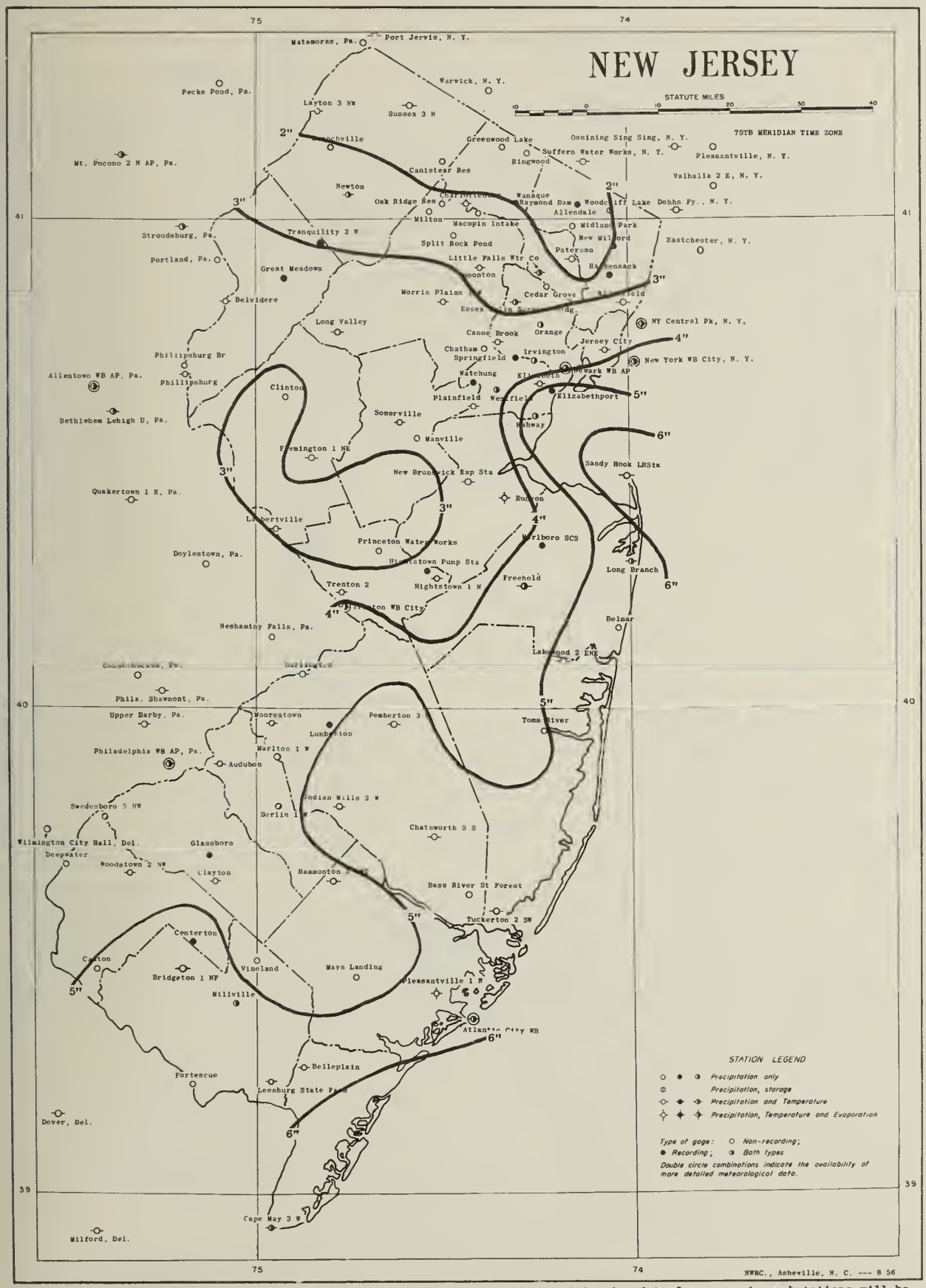
DAILY SOIL TEMPERATURES

DEPTH		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
		NEW BRUNSWICK EXP STATION																															
MEASURED UNDER SOD																																	
1 INCH	MAX	59	60	61	59	58	56	56	58	59	57	56	54	56	59	62	63	60	57	53	54	57	57	58	56	52	50	52	55	54	54	59	56.8
	MIN	51	49	53	54	50	49	52	50	51	47	45	44	44	47	50	50	52	50	47	46	52	51	54	49	44	46	49	49	46	50	53	49.2
2 INCHES	MAX	58	58	59	58	57	55	55	57	58	56	54	52	54	56	59	60	58	57	53	53	56	55	55	54	51	50	51	53	52	53	58	55.4
	MIN	53	51	53	55	52	51	52	52	52	50	47	46	46	47	50	52	52	52	49	47	52	52	52	49	47	47	49	49	47	50	52	50.2
4 INCHES	MAX	58	58	60	58	58	55	57	57	58	56	54	52	54	56	58	58	57	57	54	53	56	56	57	55	52	50	52	53	52	53	58	55.6
	MIN	54	52	55	56	54	52	54	53	52	51	48	47	47	48	51	52	53	54	50	48	53	53	55	52	49	48	50	50	49	51	52	51.4
8 INCHES	MAX	57	57	59	59	57	56	57	56	57	57	55	53	53	53	56	56	57	57	56	54	54	55	56	56	56	54	52	53	53	53	56	55.0
	MIN	55	55	55	57	55	54	53	54	55	54	52	51	50	51	53	54	55	55	54	52	53	53	52	53	53	52	51	52	51	52	51	53.0
16 INCHES	MAX	58	58	58	59	57	57	57	57	58	58	57	56	54	55	55	55	55	56	57	56	55	54	54	55	57	56	54	54	54	53	54	56.0
	MIN	56	55	55	57	53	54	53	55	57	57	55	54	53	53	53	53	54	54	55	54	53	52	52	52	56	54	52	53	53	52	50	53.9
32 INCHES	MAX	59	59	59	59	58	58	57	59	59	59	59	58	58	58	55	55	55	56	57	57	56	54	55	55	55	57	55	55	55	53	54	56.8
	MIN	58	57	57	58	57	57	56	57	58	58	57	57	57	56	54	53	54	55	56	56	55	51	53	53	54	55	53	53	53	52	52	55.4

Measured under Kentucky Bluegrass.

TOTAL PRECIPITATION

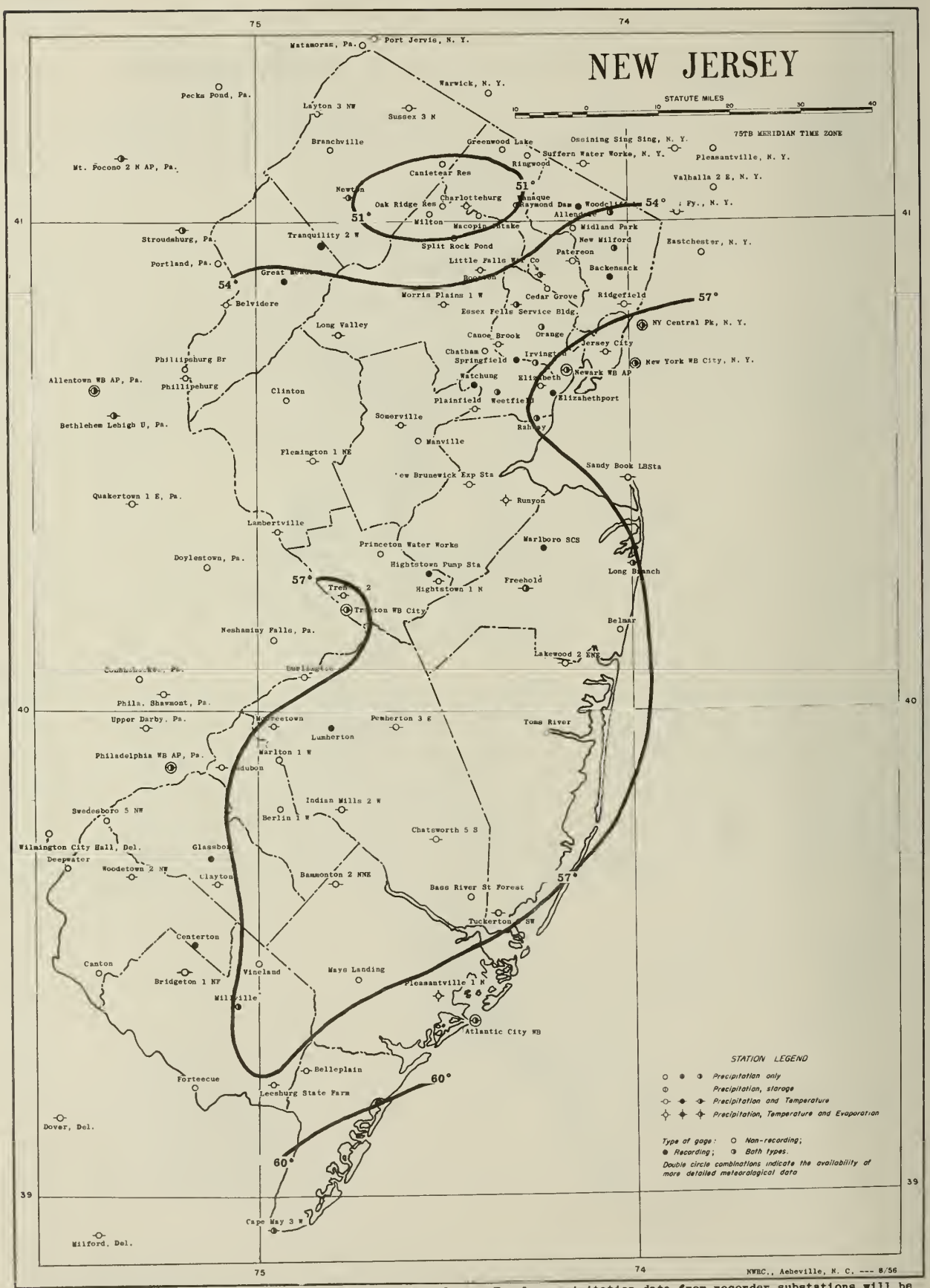
NEW JERSEY
OCTOBER 1956



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication 'Hourly Precipitation Data'.

AVERAGE TEMPERATURE

NEW JERSEY
OCTOBER 1956



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication 'Hourly Precipitation Data'.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	T4 08	2T0		MID	BERGEN COUNTY ENGS	C
#ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	T4 25	8	MIO	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	30 54	T5 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	30 37	T4 26	20		6P	N.Y. FORESTRY SVC	3
BELLEPLAIN	0600	CAPE MAY	1	30 10	T4 52	40	3P	3P	MRS. ED C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	T4 02	10		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 30	T5 05	280	5P	5P	MISS C. S. HIXSON	2 3 5 T
BERLIN 1 W	0T8T	CAMDEN	T	39 48	T4 5T	150		7A	SAMUEL H. MC CULLEY	3
BOONTON 2 SE	0O0T	MORRIS	8	40 34	T4 24	280	8A	8A	JERSEY CITY WRT WKS	2 3 3
BRANCHVILLE	0978	SUSSEX	2	41 09	T4 47	370		7A	ALBERT M. DAVENPORT	3
BRIDGETOM 1 ME	1028	CUMBERLAND	2	30 26	T3 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	T4 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CAMISTEAR RESERVOIR	1327	SUSSEX	8	41 07	T4 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1333	ESSEX	8	40 45	T4 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 6
CAMTON	1343	SALEM	2	39 28	T3 23	10		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	I	38 56	T4 3T	1T	3P	5P	N.WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	T4 13	400		8A	J. A. PLUMKETT	3
CENTERTON	1312	SALEM	6	39 3I	T5 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	T4 26	760	TA	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1500	MORRIS	8	40 44	T4 23	163		8A	EDWARD P. MOLITOR	3
CHATSWORTH 3 S	1508	BURLINGTON	1	39 44	T4 32	00	5P	5P	WILLIAM S. HAINES	INAC 5/36
CLAYTON	1T08	GLOUCESTER	6	30 39	T5 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1740	HUNTERDON	10	40 38	T4 55	300		6P	L. M. KLOCKMER	3
DEERWATER	2200	SALEM	2	39 41	T5 30	12	MID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	T4 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	T4 12	30		MIO	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2T88	ESSEX	8	40 50	T4 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	T4 51	134	3P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	T5 10	5		5P	F. A. RODENBAUGH	INAC 10/53
FREEHOLD	3181	MONMOUTH	10	40 15	T4 1T	194	6P	6P	FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	32W1	GLOUCESTER	2	39 42	T5 07	150		MIO	PROF. J. B. SANGREE	C
GREAT MEADOWS	3416	WARREN	2	40 53	T4 55	560		MIO	EDWARD KOWALICK	C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	T4 20	660		7A	GEORGE T. WIGGINS	3
HACKENSACK	3572	BERGEN	4	40 53	T4 03	10		MID	BERGEN COUNTY EMGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	T4 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	T4 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	T4 32	T5		MID	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	T4 47	100	TP	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	T4 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	T4 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 D6	T4 11	54	MID	MID	GEORGE G. WADDILL	2 3 3 7 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	T4 37	75	6P	6P	E. E. CASE	2 3 5
LAYTON 3 NW	4735	SUSSEX	2	41 13	T4 31	660	6P	6P	A. M. DEPUE	2 3 3
LEESBURG STATE FARM	4762	CUMBERLAMD	6	39 14	T4 58	10	8A	8A	LEESBURG STATE FARM	2 3 5
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	T4 14	157	9A	9A	PASSAIC VLY WTR COMM	2 3 5 C
LONG BRANCH	498T	MONMOUTH	1	40 18	T3 50	34	MID	MID	STORM WARN. DSPL STA	2 3 5 C
LONG VALLEY	5003	MORRIS	10	40 48	T4 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	3055	BURLINGTON	2	39 58	T4 48	25		MID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 D1	T4 24	584		9A	NEWARK WATER DEPT	3
MANVILLE	5197	SOMERSET	10	40 33	T4 34	50		MID	JOHN L. RADCLIFFE	3
MARLBORO SCS	3244	MONMOUTH	1	40 20	T4 14	120		MID	GEROW BRILL	C
MARLTON 1 W	3232	BURLINGTON	2	39 34	T4 57	00		6P	DAVID GRISCOM	3
MAYS LANDING	5346	ATLANTIC	3	30 2T	T4 46	50		5P	ELMER EARLE	3
MIDLAND PARK	5503	BERGEN	8	40 59	T4 09	210		MID	CORNELIUS HOWARD	3
MILLVILLE	5576	CUMBERLAND	6	30 24	T5 03	60		NID	L. J. GALLAHER	3 C
MILTON	5597	MORRIS	8	41 01	T4 32	930		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	3728	BURLIMGTON	2	30 58	T4 38	55	NIO	8A	M. J. WILLARD	2 3 5 T
MORRIS PLAINS	3769	MORRIS	8	40 50	T4 30	300	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	T4 10	11	NIO	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	T4 26	80	5P	3P	ARTHUR H. AHLQUIST	2 3 5 7 G
NEW NILFORD	6146	BERGEN	4	40 3T	T4 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	T4 43	365	8A	8A	NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	T4 30	8T0		6A	NEWARK WATER DEPT	3
ORANGE	6560	ESSEX	8	40 47	T4 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6TT3	PASSAIC	6	40 35	T4 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PENBERTON 3 E	6843	BURLIMGTON	2	30 58	T4 38	60	3P	5P	CHARLES A. DOEHLERT	2 3 5 T
PHILLIPSBURG	69T4	WARREN	2	40 41	T5 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5
PHILLIPSBURG BRIDGE	69T9	WARREN	2	40 42	T5 12	196		0A	JOINT TOLL BRDGE COM	3 N
PLAINFIELD	70T0	UNIOM	10	40 36	T4 25	120	8P	8P	S. K. PEARSON	2 3 5 T
PLEASANTVILLE 1 N	7131	ATLANTIC	1	30 23	T4 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6 S
PRINCETON WATER WORKS	7328	MERCER	10	40 10	T4 40	00		MID	PRINCETON WATER CO	3
RAHWAY	T393	UNIOM	0	40 36	T4 13	20		MID	RAHWAY VLY SWG AUTH	3 C
RIDGEFIELD	T943	BERGEN	4	40 50	T4 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	T58T	PASSAIC	8	41 08	T4 16	303		10A	NO JERSEY WTR SUPPLY	3
RUNYON	T823	MIODLESEX	1	40 26	T4 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	T869	MONMOUTH	1	40 28	T4 01	22	TP	TP	U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSET	10	40 34	T4 37	T3	6P	6P	W. E. MAYER	2 3 5 T
SPLIT ROCK POND	8402	MORRIS	8	40 58	T4 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	T4 18	-		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	T4 33	53D	6P	6P	BRICE B. STANTON	2 3 5 T
SWEDESBORO 5 NW	8683	GLOUCESTER	2	39 47	T5 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	T4 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8838	WARREN	2	40 37	T4 30	331		MID	H. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	T4 46	105	MID	MID	E. M. RISTOW	2 3 5
#TRENTON WB CITY	8883	MERCER	2	40 13	T4 46	56	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8899	OCEAN	1	39 35	T4 22	43	8A	8A	VERNON W. MOTT	INAC 1/56
VINELAND	9133	CUMBERLAND	6	39 29	T5 0D	11D		8A	STATE HOME FOR WOMEN	3
WAMAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	T4 18	320		8A	WATER SUPPLY COMM	3 C
WATCHUNG	9271	UNION	8	40 40	T4 25	-		MID	BONNIE BURN SAM.	C
WESTFIELD	9435	UNION	9	40 39	T4 21	133		5P	TOWN ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	T4 03	103		MIO	HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	9910	SALEM	2	39 40	T5 20	16	6P	8A	WOODROW W. HALTER	INAC 2/56

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Degree days are negative departures of average daily temperature from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 8.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent samples published in Table 7 are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Data in Tables 3, 5, and 8 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in the standard of time in local use.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- \- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5, is indicated by so entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.
- \+ And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- \# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- G In the "Refer to Tables" column in the Station Index the letter "G" indicates that soil temperatures are published.
- M One to nine days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Information concerning the history of changes in location, elevation, exposure etc. of substations through 1955 may be found in the publication 'Substation History' for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issue of Local Climatological Data, Annual for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC., Asheville, N. C. ---12/5/56 --- 750

1.05
NJ
y1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

NOVEMBER 1956
Volume LXI No. 11

THE LIBRARY OF THE
JAN 22 19
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1957

NEW JERSEY - NOVEMBER 1956

WEATHER SUMMARY

GENERAL

Heavy rains and very warm weather at the beginning of November, a second very warm period at mid-month, and a rather cold final week were the major features.

Temperatures averaged a little higher than the 25-year mean in each division while precipitation averages were near the 25-year mean except for an appreciable deficiency in the Coastal Division. Extremes of temperature ranged from 77° at Pleasantville 1 N on the 17th to 5° at Layton 3 NW on the 24th and 25th. Precipitation totals ranged from 2.01 inches at Belleplain to 8.14 inches at Bridgeton 1 NE. Honors for the greatest amount in one day went to Bridgeton 1 NE for a measurement of 5.80 inches on the 2nd.

Snowfall was rather light and the percentage of possible sunshine was near average at Trenton but somewhat higher than average at Atlantic City.

WEATHER DETAILS

Heavy rains and unseasonably high temperatures dominated the weather of the first two days. Moderately high temperatures prevailed the 3rd through the 8th with the rains ceasing on the 3rd but returning to the scene again on the 8th as colder weather approached the area. Minimum temperatures dropped into the twenties at many points the 10th-11th and a one day warm spell the 12th brought light rain. The 13th was only moderately cool and a warm period the 14th-16th produced temperatures almost as high as those recorded at the beginning of the month. Moderate to heavy rains and some snow in the northern areas accompanied falling temperatures the 17th-18th that established moderately cold weather which held through the 20th. Frequent changes continued and a warm day the 21st brought more rain, but winter appeared to have gained control on the 22nd since temperatures were generally well below average during the remainder of the month, with a very cold period the 23rd-25th. Light precipitation the 25th-26th occurred as rain generally, but was in the form of snow or sleet in some areas.

WEATHER EFFECTS

Wet weather at the beginning of November interfered with harvesting of grain corn and soybeans. Pastures remained in good condition the early part of the month and winter grains were generally in good condition. Streamflow was excessive in the south and showed the usual seasonal increase in the north.

DESTRUCTIVE STORMS AND FLOODS

None.

J. T. B. Beard, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
NORTHERN																								
BELVIDERE		53.4	33.8	43.6	.9	76	4	16	25	638	0	2	17	0	2.48	- 1.55	1.02	18	T	0		4	3	1
BOONTON	AM	52.7	33.0	42.9	.7	72	5	16	24+	656	0	1	14	0	4.36	.24	1.14	2	T	0		7	4	2
CANOE BROOK	AM	55.7	32.8	44.3	1.6	70	3+	14	25	616	0	0	14	0	4.10	- .13	1.15	18	.0	0		5	4	2
CHARLOTTEBURG	AM	52.1	29.8	41.0	- 1.0	70	5+	13	24	716	0	2	17	0	3.61	- 1.08	1.23	2	1.0	T	10+	5	2	2
ELIZABETH		56.7	36.5	46.6	1.2	72	4	16	24	547	0	0	11	0	4.89	.97	1.26	18	T	0		8	5	1
ESSEX FELLS SERV BLDG	AM	53.1	33.3	43.2		70	2	15	24	649	0	0	16	0	4.88		1.35	2	T	0		6	5	3
FLEMINGTON 1 NE		54.9	32.2	43.6	- .8	74	4	13	25	638	0	0	15	0	3.79	.03	1.09	2	.5	0		6	4	1
HIGH POINT PARK				M																				
JERSEY CITY		52.1	38.8	45.5	1.6	69	4+	21	24	581	0	1	7	0	4.01	.60	.94	1	.0	0		8	4	0
LAMBERTVILLE		55.5	34.8	45.2	1.0	73	2+	15	25	594	0	0	13	0	4.00	.22	1.77	2	.0	0		7	2	1
LAYTON 3 NW		52.7	26.8	39.8	- .2	73	5	5	24+	751	0	1	22	0	2.31	- 1.52	.79	18	3.4	0		4	2	0
LITTLE FALLS WATER CO	AM	54.9	35.0	45.0	.7	73	5	17	25	595	0	0	13	0	4.74	.34	1.48	2		0		5	3	3
LONG VALLEY		53.5	32.1	42.8		70	4	12	25	660	0	0	17	0	3.12	- 1.24	.85	2	T	0				0
MORRIS PLAINS		53.8	33.3	43.6		71	4	13	25	635	0	1	13	0	3.49		1.08	18	.4	T	25	6	3	1
NEWARK WB AIRPORT	R	53.8	38.3	46.1	1.2	72	15+	21	24	565	0	1	12	0	3.98	.88	1.21	1	T	0		7	3	1
NEWTON	AM	50.7	29.4	40.1	- 1.0	70	5	11	25	741	0	2	20	0	2.64	- 1.10	.93	18	.7	1	18	5	2	0
PATERSON	AM	55.0	37.0	46.0	1.2	72	17	20	24	563	0	0	13	0	6.12	2.06	2.10	2	T	0		5	4	3
PHILLIPSBURG		55.8	35.0	45.4	2.5	73	1+	16	25	586	0	0	13	0	3.81	.05	1.48	2	T	T	25	6	3	1
PLAINFIELD		55.2	34.9	45.1	.5	72	4	17	24	593	0	0	12	0	3.78	- .14	1.24	2	T	0		7	2	1
RIDGEFIELD		53.3	35.3	44.3	.1	71	16	17	19+	615	0	0	13	0	3.40	- .54	.75	17	T	0		7	2	0
SOMERVILLE		55.2	34.3	44.8	1.0	73	4	14	25	604	0	0	13	0	3.07	- .68	1.05	18	.0	0		5	2	1
SUSSEX 3 N		50.6	29.5	40.1	- 2.0	69	2	13	24+	740	0	1	18	0	2.64	- 1.36	.90	18	1.0	1	18+	6	2	0
DIVISION				43.8	.5										3.77	- .22			.4					
SOUTHERN																								
AUDUBON		55.6	37.4	46.5		76	2	20	25	555	0	0	12	0	5.39		1.86	2	.0	0		6	4	2
BELLEPLAIN		59.3	38.8	49.1		74	2	15	24	479	0	0	6	0	2.01	- 2.17	.56	18	.0	0		7	2	0
BRIDGETON 1 NE	AM	56.1M	36.7M	46.4M		75	3	16	24	557	0	0	12	0	8.14		5.80	2	.0	0		4	3	2
BURLINGTON		56.7	38.0	47.4	1.0	74	2	20	25	527	0	0	11	0	3.51	- .23	1.52	2	T	0		5	3	1
CHATSWORTH 5 S		57.0M	35.9M	46.5M		75	16	13	24	552	0	0	12	0	2.75		1.04	18	.0	0		7	2	1
CLAYTON		56.7	38.2	47.5		75	2	17	24	524	0	0	10	0	5.89		2.15	2	T	0		7	4	3
FREEHOLD		56.2	36.4	46.3	1.1	74	1	16	24	558	0	0	12	0	3.35	- .71	.88	18	T	0		7	2	0
HAMMONTON 2 NNE	AM	58.0	36.2	47.1	4.0	74	1+	16	24	536	0	1	13	0	4.93	1.16	1.45	1	.0	0		7	3	2
HIGHTSTOWN 1 N		55.9	36.3	46.1	1.1	72	1+	17	25	565	0	0	11	0	3.06	- .41	.99	18	T	0		8	2	0
INDIAN MILLS 2 W		56.5	34.5	45.5	.2	75	2	12	24	583	0	0	13	0	3.53	- .27	.82	22	.0	0		6	4	0
LAKEWOOD 2 ENE		55.3	33.1	44.2	- .9	75	15	15	11	618	0	1	16	0	3.52	- .69	.91	17	T	0		7	4	0
LEESBURG STATE FARM	AM	56.9	37.2	47.1		75	3	17	24	535	0	1	12	0	3.04		1.03	18	.0	0		6	2	1
MOORESTOWN		54.7	35.9	45.3	.5	75	2	17	25	584	0	0	14	0	4.81	1.17	2.32	2	.0	0		6	3	2
NEW BRUNSWICK EXP STA		54.9	36.4	45.7	.7	70	1+	17	24	575	0	0	12	0	4.33	.70	1.25	2				9	3	2
PEMBERTON 3 E		58.2	36.2	47.2	1.1	74	2	11	24+	535	0	0	11	0	3.33	- .23	.97	18	.0	0		7	3	0
PLEASANTVILLE 1 N	AM	57.2	35.3	46.3	.9	77	17	16	24	558	0	0	14	0	3.61	- .75	1.31	18	.0	0		8	2	1
RUNYON		57.5	32.3	44.9	2.0	74	16	11	25	599	0	0	16	0	4.03	.20	1.11	18	.0	0		8	4	1
TRENTON 2		54.5	37.4	46.0		74	2	20	24+	567	0	0	12	0	3.71	- .09	.89	2	T	0		7	4	0
TRENTON WB CITY	R	53.5	38.6	46.1	.5	72	2	22	24	565	0	1	10	0	3.29	.43	.87	1	T	0		7	3	0
DIVISION				46.4	.9										4.01	.23			T					
COASTAL																								
ATLANTIC CITY WB	R	53.6	41.0	47.3	- .8	67	2	21	24	524	0	0	6	0	2.44	- .88	.72	18	.0	0		7	2	0
CAPE MAY 3 W		57.4	41.9	49.7		74	2	26	24+	455	0	0	6	0	2.30		.84	18	.0	0		4	2	0
LONG BRANCH		54.8	38.0	46.4	.9	74	15	20	24	552	0	1	11	0	2.25	- 1.69	.76	17	.0	0		7	1	0
SANDY HOOK LBSTA																								
DIVISION				47.8	.7										2.33	- 1.32			.0					

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
NOVEMBER 1956

Station	Total	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB R	2.44	.26	.04	.12					.07				.03				.06	.70	.72			.18	.14			.14						
AUDUBON	5.39	1.55	1.86	.19					T				T				T	.42	.68			.60	.09			T						
BASS RIVER ST FOREST	3.23	.05	.05	.25					.13	T			.08					*	1.85								.82					
BELLEPLAIN	2.01	.10		.11					.14	.18								.50	.56				.40			.02						
BELMAR	4.52	2.01	T						.18				.18					1.29				.53				.33						
BELVIDERE	2.48	.28	.68								T		T				T	T	1.02				.50	T	T	T	T					
BERLIN 1 W		RECORD MISSING																														
BLACKWELLS MILLS	4.23	.64	1.28	T					.11					.13					1.15				.61				.31					
BOONTON	4.36	.85	1.14	.11						.39				T					1.05				.59		T		.23	T				
BRANCHVILLE	2.52	.49	.55							.01	.02			.03					.98			.02	.35				.07					
BRIDGETON 1 NE	8.14	.08	5.80	.07				T	.06	.02				.01				.25	1.15	.01	.01		.66				.02					
BURLINGTON	3.51	.16	1.52	.07					.08					.04				.22	.72		.01		.59			.01	.09					
CANISTEAR RESERVOIR	2.88	.56	.18	.10						.04	T						.03		1.15		T	.55		T			.27	T				
CANOE BROOK	4.10	1.07	.78	.06						.05				.02					1.15				.50				.47					
CANTON	6.03	.10	4.02	.07					.07					.02				.29	.99				.40			.07						
CAPE MAY 3 W	2.30	.08		.02					.06	.14				.02				.67	.84				.46			.01						
CEDAR GROVE	6.37	2.00	1.75	.22				.02						.03					1.30								1.05					
CHARLOTTEBURG	3.61	.48	1.23	.08						.07	T			T					1.12				.34		T		.29					
CHATHAM	4.21	1.03	.96	.03										T					1.20			T	.57				.42					
CHATSWORTH 5 S	2.75	.33	.24	.19					.15								.02	.58	1.04							.18	.02					
CLAYTON	5.89	1.30	2.15	.17				T	T				T	.12			T	1.30	.31				.54	T		T						
CLINTON	3.42	.35	1.23	.05					.08									*	1.00				.42			.03	.26					
DEEPWATER	5.20	1.56	1.99	.14					.03									.65	.23			.54		T		.06						
ELIZABETH	4.89	.75	.80	.08					.10			.01	.02	.02				.62	1.26				.55			.31	.37					
ELIZABETHPORT	3.55	.81	.58						.20				.02					.61	.47			.41	.06			.39						
ESSEX FELLS SERV BLDG	4.88	1.12	1.35					.15											1.25				.50				.51					
FLEMINGTON 1 NE	3.79	.93	1.09	.01									T	.04			T	.12	.89			T	.53	T	T	T	.18			T	T	
FREEHOLD	3.35	.30	.40						.09					.05				.40	.88				.54			.40	.29					
GREENWOOD LAKE	3.99	.87	1.42	.04						.05		T	T	T					1.05	.03		T	.38	T	T		.15	T				
HAMMONTON 2 NNE	4.93	1.45	1.00	.25						.10								.26	1.25				.62									
HIGH POINT PARK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.72				.14					
HIGHTSTOWN 1 N	3.06	.15	.73						.13					.04			T	.15	.99				.49			.13	.25					
INDIAN MILLS 2 W	3.53	.48	.60	.13					.08				.04	T			.04	.58	.71				.82			.01	.04					
IRVINGTON	3.21	.57	.67						.07				.02					.60	.47			.21	.06			.49	.05					
JERSEY CITY	4.01	.94	.76	.02					.15				.03					.66	.68			.45	.14			.18						
LAKEWOOD 2 ENE	3.52	.81	.07	T					.10				.04				T	.91	.64			.55	.15			.23	.02					
LAMBERTVILLE	4.00	.25	1.77	.05				.01	.10				.02	T				.18	.84				.48			.05	.25					
LAYTON 3 NW	2.31	.18	.43					T	.02		.03		.06				T		.79			T	.74			T	.06					
LEESBURG STATE FARM	3.04	.48	.13	.07					.08	.13				.09			.01	.50	1.03				.47				.05					
LITTLE FALLS WATER CO	4.74	1.23	1.48	.03						.09				.03					1.04			T	.47				.37					
LONG BRANCH	2.25	.11	.10	.01					.08				.04				T	.76	.46			.42	.14			.13						
LONG VALLEY	3.12	.25	.85						.20				.03					.60	.44			*	.60			.15						
MACOPIN INTAKE	4.21	.67	1.41	.03						.07	T			.01					1.15			T	.56		T		.31					
MAHWAH	6.46	1.58	2.32	.45						.23				.01					1.11			T	.59		T		.17					
MANVILLE	3.57	1.26	.42						.02				.02					.63	.58			.56	.08			T						
MARLTON 1 W	4.92	.11	2.36	.17					.05					.05			.10	1.19	.10				.73				.06					
MAYS LANDING	2.40	.10		.08					.09					.08			.05	.50	1.00				.40			.10						
MIDLAND PARK	5.24	.30	2.90						.22				.04						1.12				.48	.01			.17					
MILLVILLE	4.08	.86	1.02	.07					.13				.06				.04	1.06	.15			.58	.04			.07						
MILTON	3.65	.58	.93	.10						.10				.03					1.24				.43				.24					
MOORESTOWN	4.81	.41	2.32	.18						.03				.03				.10	1.02			T	.65				.07					
MORRIS PLAINS	3.49	.13	.94	.05					.32		T			T			T	.02	1.08				.69	T	T	.01	.25					
NEWARK WB AIRPORT R	3.98	1.21	.81	T					.20	T			.01				T	.45	.55			.47	.07			.19	.02					
NEW BRUNSWICK EXP STA	4.33	.45	1.25	.04					.19					.25			.01	.12	1.03				.57			.12	.30					
NEW MILFORD	3.30	.50	.70	.02					.26				.04			.02		.38	.76			.34	.06			.12	.10					
NEWTON	2.64	.44	.65	.04						.01	T			.02				T	.93			T	.43				.12					
OAK RIDGE RESERVOIR	3.91	.62	1.00	.15						.14	.02			.04					1.20				.42		.02		.30					
OLDWICK	3.83	.48	1.32	.04				.01		.14				.01					1.10	.01			.55				.17					
ORANGE	4.18	1.26	.83						.04				.04					.55	.56			.55	.02			.33						
PATERSON	6.12	1.98	2.10	.02						.02				.03				T	1.15			T	.59	T	T		.23					
PEMBERTON 3 E	3.33	.04	.70	.12					.15									.48	.97				.68			.14	.05					
PHILLIPSBURG	3.81	.44	1.48	.15					.09								.09	T	.85				.51	T		T	.20	T				
PHILLIPSBURG BRIDGE	3.87	.87	*	1.03						T			T						1.12				.58				.22			.05		
PLAINFIELD	3.78	.33	1.24	.02					.06				.04					.20	.96			T	.46	T		.27	.20	T				
PLEASANTVILLE 1 N	3.61	.95	.22	.16						.07				.12				.26	1.31				.42				.10					
PRINCETON WATER WORKS	3.38	.99	.38						.15				.02				T	.46	.57			.50				.29	.02					
RAHWAY	3.77	.87	.27						.28				.04					.63	.49			.48	.04			.67						
RIDGEFIELD	3.40	.69	.43						.19	T			.02					.75	.45			.44	.07	T		.29	.07					
RINGWOOD	3.37	1.72	T						.03				T						1.05			.30		T		.27	T					
RUNYON	4.03	.37	.56						.18				.06					.10	1.11				.60			.15	.90					
SANDY HOOK LBSTA		RECORD MISSING																														
SOMERVILLE	3.07	.48	.86						.07					.03				.02	1.05				.32			.04	.20					
SPLIT ROCK POND	3.99	.63	1.14	.17						.11				.02					1.12				.55		.01		.24					
SUSSEX 3 N	2.64	.40	.56	.10						.01		T	T	.05				T	.90			.04	.45		T		.13					
SWEDESBORO 5 NW	6.07	.34	3.27	.46		T		.01	.08	T			T	T				.19	.92	T	.01		.74	.01			.04	T				
TOMS RIVER	-	-	-						.19									1.40	.40				.60			.20						
TRENTON 2	3.71	.71	.89						.23				.06				T	.47	.54			.57	.01			.23						
TRENTON WB CITY R	3.29	.87	.59						.21				.02				T	.67	.40			.57	.01			.15						
VINELAND	4.36	.55	1.45	.05						.05				.04				.35	1.06			T	.77				.04					
WANAQUE RAYMOND DAM	3.93	.80	1.41						.06										1.00				.39				.27					
WERTSVILLE	3.62	.37	1.31	.04				.01	T	.05				.01					1.13			T	.51				.19					
WESTFIELD	3.39	*	1.07						.13				.03						1.13			*	1.03		T							
WOODCLIFF LAKE	3.26	.38	.92	.02					.10				.04			.02		.43	.67			.46	.02			.10	.10					

See Reference Notes Following Station Index

DAILY TEMPERATURES

Table 5

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	66	67	57	64	58	62	62	60	50	44	58	60	50	59	60	62	53	52	48	55	63	48	34	34	52	50	45	46	51	38		53.6
	MIN	62	56	51	50	49	46	48	48	42	34	31	45	40	47	54	53	40	36	34	40	46	34	25	21	29	38	35	31	38	28		41.0
AUDUBON	MAX	71	76	58	71	65	68	68	58	50	44	52	70	50	66	73	72	56	49	51	54	67	46	34	35	43	46	43	44	50	39		55.6
	MIN	65	58	50	50	42	40	40	48	36	30	22	47	38	31	41	55	38	35	28	28	45	33	24	21	20	36	32	30	32	27		37.4
BELLEPLAIN	MAX	70	74	70	69	65	70	70	62	58	47	55	68	60	61	70	73	65	60	54	51	67	64	42	38	50	50	44	44	54	53		59.3
	MIN	65	63	53	47	42	34	37	48	42	34	17	40	42	33	43	49	37	38	27	30	49	35	25	15	20	36	39	40	41	42		38.8
BELVIDERE	MAX	72	72	65	76	74	68	56	53	52	45	47	56	53	58	68	66	53	46	46	48	65	64	32	33	32	38	40	45	43	37		53.4
	MIN	62	61	49	50	41	36	38	42	36	30	19	42	37	29	32	45	32	25	23	24	46	31	21	18	16	31	22	31	26	18		33.8
BOONTON	MAX	65	66	68	57	72	65	66	64	54	49	38	47	63	47	60	68	68	44	44	47	50	65	43	32	36	40	42	40	39	41		52.7
	MIN	59	63	42	45	43	42	38	39	39	33	17	25	38	27	35	36	39	35	23	24	25	37	26	16	16	26	25	31	26	20		33.0
BRIDGETON 1 NE	MAX	70	70	75		68	63	67	67	58	49	43	60	70	59	65	70	73	41	48	50	56	65	46	33	33	47	45	43	43	50		56.1
	MIN	64	63	52		48	41	39	50	41	36	20	34	38	32	39	54	39	37	26	25	40	37	26	16	20	31	30	25	32	28		36.7
BURLINGTON	MAX	71	74	60	70	58	69	67	57	56	45	52	70	56	64	73	72	58	48	50	54	68	65	39	39	39	48	44	43	48	44		56.7
	MIN	65	59	50	51	42	45	43	47	41	35	23	46	40	32	38	52	42	37	29	29	39	37	26	23	20	36	30	30	29	25		38.0
CANOE BROOK	MAX	65	68	70	60	70	65	65	66	55	60	40	53	69	48	62	70	70	50	45	49	57	62	58	42	35	43	45	43	43	43		55.7
	MIN	62	63	47	44	35	35	40	43	39	34	16	27	39	25	32	39	41	36	20	23	36	34	24	15	14	21	24	31	24	20		32.8
CAPE MAY 3 W	MAX	69	74	67	65	63	66	68	61	57	48	55	65	60	63	66	60	62	51	48	55	65	63	42	35	52	52	45	45	53	48		57.4
	MIN	61	62	53	49	46	45	43	56	41	41	28	53	44	43	50	50	40	38	30	34	46	39	31	26	26	39	39	34	40	31		41.9
CHARLOTTEBURG	MAX	66	68	66	58	70	63	65	65	52	46	35	48	62	46	62	70	67	42	44	47	51	64	44	29	32	40	43	39	40	40		52.1
	MIN	48	59	44	45	45	43	30	39	35	28	17	23	34	20	32	34	35	33	20	19	21	33	20	13	17	17	23	25	24	18		29.8
CHATSWORTH 5 S	MAX	70	73	60	71	67	71	70	64	56	43	53	72		67	72	75			45	54	67	45	34	35	42	50	43	43	53	43		57.0
	MIN	58	60	52	50	48	35	37	43	40	38	18	42		30	36	47			2@	25	45	35	22	13	20	42	26	27	29	24		35.9
CLAYTON	MAX	70	75	67	68	68	66	67	58	54	44	51	69	58	64	70	72	54	55	48	54	62	64	36	34	43	48	43	47	50	43		56.7
	MIN	65	59	52	53	47	42	41	52	38	33	24	47	37	33	43	52	36	37	36	28	48	36	27	17	18	37	30	27	32	26		38.2
ELIZABETH	MAX	69	70	62	72	67	68	68	57	54	45	50	70	61	61	70	71	62	49	48	53	68	65	39	39	40	46	46	43	46	41		56.7
	MIN	63	61	48	46	48	41	39	46	39	34	28	44	38	29	36	41	40	36	27	26	43	35	25	16	19	38	26	30	27	25		36.5
ESSEX FELLS SERV BLDG	MAX	68	70	65	63	62	60	62	61	58	50	42	50	66	48	60	66	66	48	46	50	55	60	45	33	38	44	40	39	38	40		53.1
	MIN	55	64	42	40	45	48	50	48	35	26	18	22	30	31	35	42	44	33	24	24	28	38	24	15	18	20	28	30	23	20		33.3
FLEMINGTON 1 NE	MAX	71	70	61	74	66	68	63	55	54	45	50	67	58	62	69	69	56	41	48	50	66	63	35	36	35	44	42	43	45	40		54.9
	MIN	64	61	42	48	40	31	34	40	38	32	15	38	35	24	28	35	38	36	20	21	39	32	23	15	13	33	21	29	22	19		32.2
FREEHOLD	MAX	74	72	57	69	63	66	68	57	53	43	50	71	59	65	72	72	65	47	49	53	66	63	38	33	39	49	42	42	50	39		56.2
	MIN	63	56	49	46	45	39	39	47	39	30	20	46	36	32	41	52	38	36	25	31	42	34	24	16	18	37	28	27	30	25		36.4
HAMMONTON 2 NNE	MAX	74	70	74	68	70	63	68	70	60	52	52	59	70	52	68	72	73	46	49	54	57	68	47	32	36	49	46	45	45	52		58.0
	MIN	63	63	48	47	46	41	40	43	43	36	27	29	38	26	43	48	35	38	28	28	31	36	25	16	19	37	31	28	30	24		36.2
HIGH POINT PARK	MAX																						58	37	23	28	36	36	32	35	34		
	MIN																						29	16	13	14	18	1#	19	19	17		
HIGHTSTOWN 1 N	MAX	72	72	60	71	64	67	64	57	54	44	51	69	60	61	70	71	66	48	48	51	66	64	38	34	38	47	43	42	47	39		55.9
	MIN	64	60	49	47	46	37	39	46	40	34	19	46	35	31	39	51	38	36	25	26	41	34	24	18	17	37	37	28	29	24		36.3
INDIAN MILLS 2 W	MAX	70	75	58	71	65	69	70	57	52	42	52	71	52	67	72	72	55	47	51	54	68	64	35	35	44	48	42	43	52	42		56.5
	MIN	64	58	50	45	42	34	37	47	40	30	15	47	32	29	37	50	37	35	22	23	41	34	24	12	14	34	26	26	28	22		34.5
JERSEY CITY	MAX	66	67	53	69	63	63	64	57	50	39	50	65	46	58	68	69	51	45	44	50	64	50	33	32	41	47	40	41	44	33		52.1
	MIN	62	53	39	45	49	49	45	51	40	30	28	48	40	38	46	53	38	33	30	34	49	33	24	21	26	35	33	33	33	26		38.8
LAKEWOOD 2 ENE	MAX	70	71	55	68	63	64	69	57	50	43	53	72	47	69	75	73	52	49	47	54	67	46	31	35	51	51	43	43	55	36		55.3
	MIN	63	53	49	44	36	33	34	41	38	18	15	43	28	30	34	52	39	29	25	22	45	31	19	17	17	30	28	27	30	23		33.1
LAMBERTVILLE	MAX	71	73	62	73	66	66	63	56	53	44	51	67	56	63	70	69	57	47	49	51	65	63	37	35	38	45	41	42	48	45		55.5
	MIN	63	62	49	47	39	36	41	43	41	32	19	43	38	28	32	41	38	37	23	25	42	36	24	18	15	35	23	27	24	23		34.8
LAYTON 3 NW	MAX	70	70	63	68	73	65	58	56	57	50	43	52	50	61	67	60	53	42	45	50	63	63	34	33	31	40	40	40	43	40		52.7
	MIN	56	55	44	40	35	28	30	38	25	23	9	38	29	20	31	32	20	30	13	15	36	29	17	5	5	27	20	26	20	9		26.8
LEESBURG STATE FARM	MAX	70	70	75	64	69	65	67	67	58	52	45	60	68	52	61	67	68	48	49	51	56	64	49	30	34	51	56	45	43	52		56.9
	MIN	63	64	54	47	45	37	38	47	43	36	24	32	40	30	42	51	42	38	28	27	33	39	28	17	20	28	33	29	32	29		37.2
LITTLE FALLS WATER CO	MAX	65	68	69	59	73	67	66	67	56	51	40	51	68	49	63	71	62	43	48	49	58	67	47	33	36	45	45	44	44	44		54.9
	MIN	61	62	47	47	41	41	40	42	39	34	21	33	39	30	37	45	43	34	22	26	32	37	25	19	17	30	25	30	27	23		35.0
LONG BRANCH	MAX	70	66	55	66	62	62	64	59	49	41	54	68	47	68	74	73	62	47	46	55	67	45	32	35	51	54	43	41	52	35		54.8
	MIN	62	53	49	47	50	45	40	49	40	30	25	45	36	36	44	54	40	35	31	31	45	32	23	20	25	33	30	30	34	25		38.0
LONG VALLEY	MAX	68	69	61	70	67	68	66	56	52	44	46	61	48	60	67	68	52	44	47	51	67	58	45	35	36	40	39	39	42	40		53.5
	MIN	60	49	42	46	47	46	44	45	29	29	16	37	36	24	28	44	31	33	21	20	39	32	21	15	12	32	20	24	28	14		32.1
MOORESTOWN	MAX	71	75	56	72	65	68	67	57	49	41	54	69	49	65	71	71	51	48	50	52	67	45	33	35	42	46	44	43	49	36		54.7
	MIN	65	54	50	48	42	41	40	44	40	26	21	44	36	31	36	51	38	34	26	27	43	32	25	20	17	32	31	28	30	26		35.9
MORRIS PLAINS	MAX	65	66	61	71	67	64	63	58	53	45	47	64	61	60	69	67	64	43	47	49	64	64	30	34	34	42	41	40	41	41		53.8
	MIN	62	61	46	45	45	40	36	41	37	30	16	40	36	28	34	37	37	33	22	22	40	35	22	14	13	31	23	31	24	17		33.3
NEWARK WB AIRPORT	MAX	69	69	54	70	66	65	67	56	50	40	50	69	48	61	72	72	53	46	47	52	67	47	32	35	43	46	43	44	45	37		53.8
	MIN	63	51	48	50	51	48	45	47	40	30	25	45	37	35	42	51	38	36	30	32	47	32	24	21	25	34	31	32	31	27		38.3
NEW BRUNSWICK EXP STA	MAX	70	67	60	70	66	62	64	59	54	45	50	67	64	61	70	70	59	41	47	50	67	64	37	33	38	45	42	41	44	40		54.9
	MIN	63	59	47	46	47	45	39	47	39	32	20	44	36	32	39	51	37	35	27	26	42	35	24	17	19	35	28	29	28	23		36.4
NEWTON	MAX	65	65	68	57	70	62	64	59	56	46	34	48	56	44	58	68	66	42	41	44	49	63	43	29	31	36	39	38	38	42		50.7
	MIN	61	59	46	45	35	31	33	39	32	31	16	24	35	27	31	34	28	30	20	20	23	34	22	14	11	22	20	23	24	13		29.4
PATERSON	MAX	65	68	70	58	70	66	66	68	57	51	40	51	62	48	62	70	72	45	45	48	54	67	59	33	34	45	45	44	43	44		55.0
	MIN	59	64	48	49	46	46	43	43	40	35	24	30	39	35	42	45	42	36	29	30	32	37	25	20	23	30	31	31	32	25		37.0
PEMBERTON 3 E	MAX	70	74	63	72	65	69	68	57	54	44	52	71	62	67	73	73	64	51	51	54	69	66	44	35	43	51	45	42	52	45		58.2
	MIN	65	61	50	46	45	35	39	49	39	34	17	46	36	32	42	51	38	37	25	25	45	34	24	11	11	37	29	26	30	26		36.2
PHILLIPSBURG	MAX	73	70	68	73	68	68	65	54	56	48	50	58	57	63	70	70	64	47	47	51	65	66	40	35	35	40	41	42	45	45		55.8
	MIN	63	61	47	49	42	37	44	44	38	34	22	41	38	28	32	42	37	35	24	25	43	34	24	19	16	32	23	32	26	19		35.0
PLAINFIELD	MAX	70	66	56	72	68	67	66	55	52	43	49	68	59	60	70	71	55	50	49	49	67	66	33	38	41	45	45	44	44	39		55.2
	MIN	64	56	48	45	45	40	37	46	38	31	19	43	33	28	35	41	41	35	26	25	42	33	25	17	18	33	24	29	26	24		34.9
PLEASANTVILLE 1 N	MAX	67	68	73	70	73	63	64	69	59	51	45	55	67	50	63	69	77	51	51	50	56	64	49	34	35	52	49	45	45	51		57.2
	MIN	63	64	54	50	48	34	38	40	43	31	19	28	36	28	46	50	38	37	27	24	26	36	24	16	17	29	33	26	26	27		35.3
RIDGEFIELD	MAX	69	68	54	68	65	65	67	57	50	40	51	68	47	61	69	71	52	44	46	51	66	47	33	37	41	45	41	43	45	37		53.3
	MIN	63	49	47	47	46	43	41	45	38	24	21	45	34	33	45	52	37	18	17	29	46	30	19	17	22	39	28	29	30	26		35.3

See Reference Notes Following Station Index

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RUNYON	MAX	70	70	64	71	66	66	66	68	56	48	52	64	60	59	71	74	68	56	50	54	69	64	36	36	40	46	46	46	48	42		57.5
	MIN	61	61	48	44	44	33	36	38	40	30	12	26	24	24	39	48	39	38	19	20	40	28	26	15	11	26	24	26	26	23		32.3
SANDY HOOK L8STA	MAX																																
	MIN																																
SOMERVILLE	MAX	72	71	60	73	67	66	61	56	52	44	50	68	54	62	70	70	56	48	48	51	67	65	40	37	38	45	43	42	44	37		55.2
	MIN	64	60	48	52	47	39	38	44	39	.29	15	42	35	25	30	44	39	36	23	22	42	33	23	15	14	34	23	28	26	19		34.3
SU5SEX 3 N	MAX	64	69	68	55	68	64	64	59	56	46	34	47	55	43	58	66	66	43	41	44	47	64	44	29	33	35	39	38	39	41		50.6
	MIN	59	58	45	43	39	36	35	35	33	30	16	20	33	28	33	37	28	28	22	20	22	32	21	13	13	18	21	22	28	16		29.5
TRENTON 2	MAX	70	74	57	72	67	67	63	56	50	44	53	67	48	62	70	71	53	48	47	55	67	47	33	37	40	46	43	42	47	38		54.5
	MIN	65	54	50	49	47	43	42	46	40	26	22	46	39	37	42	53	39	34	29	29	46	32	22	20	20	35	30	27	32	25		37.4
TRENTON W8 CITY	MAX	71	72	53	70	65	66	64	56	49	42	53	66	47	62	70	70	53	46	47	52	67	45	32	33	43	47	41	41	47	35		53.5
	MIN	65	53	50	51	51	48	43	46	41	30	27	44	38	37	44	53	38	35	31	31	41	32	24	22	24	36	33	31	33	25		38.6

Table 6

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
CANOE BROOK	EVAP	-	-	-	-	-	-	.08	.01	.08	.07	-	-	.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	WIND	7	7	35	9	12	10	8	3	13	42	17	9	44	21	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
PLEA5ANTVILLE 1 N	EVAP	.02	*	*	.24	.00	.14	.00	.03	.02	.11	*	.08	.07	.06	.09	.05	.05	-	.17	.02	.08	.11	-	-	-	-	-	-	-	-		-
	WIND	17	21	51	21	27	5	10	21	35	64	50	24	73	38	21	42	36	66	33	22	13	80	55	41	20	33	3	40	30	48		1039
RUNYON	EVAP	-	-	.05	.07	.07	.05	.05	.00	.05	.08	-	.10	.01	.02	.03	-	-	-	.02	.05	-	-	-	-	-	-	-	-	-	-		-
	WIND	14	12	14	12	8	19	13	15	23	6	8	18	18	14	12	24	20	16	12	14	31	30	40	10	14	13	11	12	11	9		473

DAILY SOIL TEMPERATURES

DEPTH		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
														NEW BRUN5WICK EXP 5TATION																			
MEASURED UNDER 50D																																	
1 INCH	MAX	62	62	55	58	55	55	55	52	49	44	42	51	45	47	50	54	48	45	43	42	52	47	44	42	42	37	40	47	44	39		48.2
	MIN	58	55	52	51	47	47	46	48	43	35	33	43	38	37	41	45	42	37	34	33	40	36	27	31	30	34	31	37	37	33		40.4
2 INCHES	MAX	61	61	56	56	53	53	53	52	49	45	43	49	46	46	48	52	49	45	42	41	52	48	47	42	39	39	41	46	44	39		47.9
	MIN	56	56	53	52	48	48	47	49	45	38	36	43	41	39	41	45	43	39	36	35	41	38	38	36	31	34	35	38	37	35		41.8
4 INCHE5	MAX	60	60	57	56	54	53	52	52	49	46	43	48	46	45	46	51	49	45	42	41	51	48	47	41	38	38	40	45	44	39		47.5
	MIN	57	57	54	53	49	49	48	49	45	40	37	43	42	40	43	45	44	40	37	36	41	39	36	36	33	35	38	40	38	36		42.6
8 INCHE5	MAX	58	59	58	55	55	53	52	53	51	49	46	48	48	47	46	50	50	47	44	43	48	48	43	46	44	42	40	44	46	44		48.6
	MIN	55	58	55	54	53	51	51	51	49	46	43	45	45	44	44	46	47	44	41	40	43	43	36	36	36	36	35	42	44	38		45.0
16 INCHES	MAX	57	58	58	56	55	55	54	53	53	51	50	49	50	49	48	49	50	49	48	45	49	48	47	46	45	43	43	47	47	46		50.0
	MIN	54	57	56	54	54	53	52	52	51	50	48	47	48	46	46	47	49	48	45	44	44	47	45	42	42	41	42	44	45	41		47.8
32 INCHES	MAX	55	56	57	57	55	56	55	54	54	54	54	53	52	52	51	50	52	52	51	50	49	50	50	50	49	49	49	50	50	49		52.2
	MIN	53	55	55	54	53	54	53	52	53	53	53	51	51	50	49	49	50	51	49	48	48	49	48	48	49	48	49	49	49	46		50.8

Measured under Kentucky Bluegrass.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BELVIDERE	SNOWFALL																							T	T	T	T					
	SN ON GND																															
CHARLOTTEBURG	SNOWFALL										T														T		I.0					
	SN ON GND										T														T							
CLAYTON	SNOWFALL																							T								
	SN ON GND																															
FLEMINGTON 1 NE	SNOWFALL																	.S					T	T		T	T			T	T	
	SN ON GND																															
FREEHOLD	SNOWFALL																									T						
	SN ON GND																															
HIGHTSTOWN 1 N	SNOWFALL																						T			T						
	SN ON GND																															
LAKEWOOD 2 ENE	SNOWFALL																						T			T						
	SN ON GND																															
LAYTON 3 NW	SNOWFALL										.4								2.2							.3	.S					
	SN ON GND																															
LITTLE FALLS WATER CO	SNOWFALL																		-													
	SN ON GND																															
LONG VALLEY	SNOWFALL																									T						
	SN ON GND																															
MORRIS PLAINS	SNOWFALL										T													T	T	.1	.3					
	SN ON GND																									T						
NEWARK WB AIRPORT	SNOWFALL																									T						
	SN ON GND																															
	WTR EQUIV																															
NEW BRUNSWICK EXP STA	SNOWFALL																									-						
	SN ON GND																									-						
NEWTON	SNOWFALL										T								.S								.2					
	SN ON GND																		I								T					
PHILLIPSBURG	SNOWFALL																		T					T		T	T	T				
	SN ON GND																									T						
PLAINFIELD	SNOWFALL																	T										T				
	SN ON GND																															
RIDGEFIELD	SNOWFALL																							T		T						
	SN ON GND																															
TRENTON WB CITY	SNOWFALL																						T									
	SN ON GND																															

SUPPLEMENTAL DATA

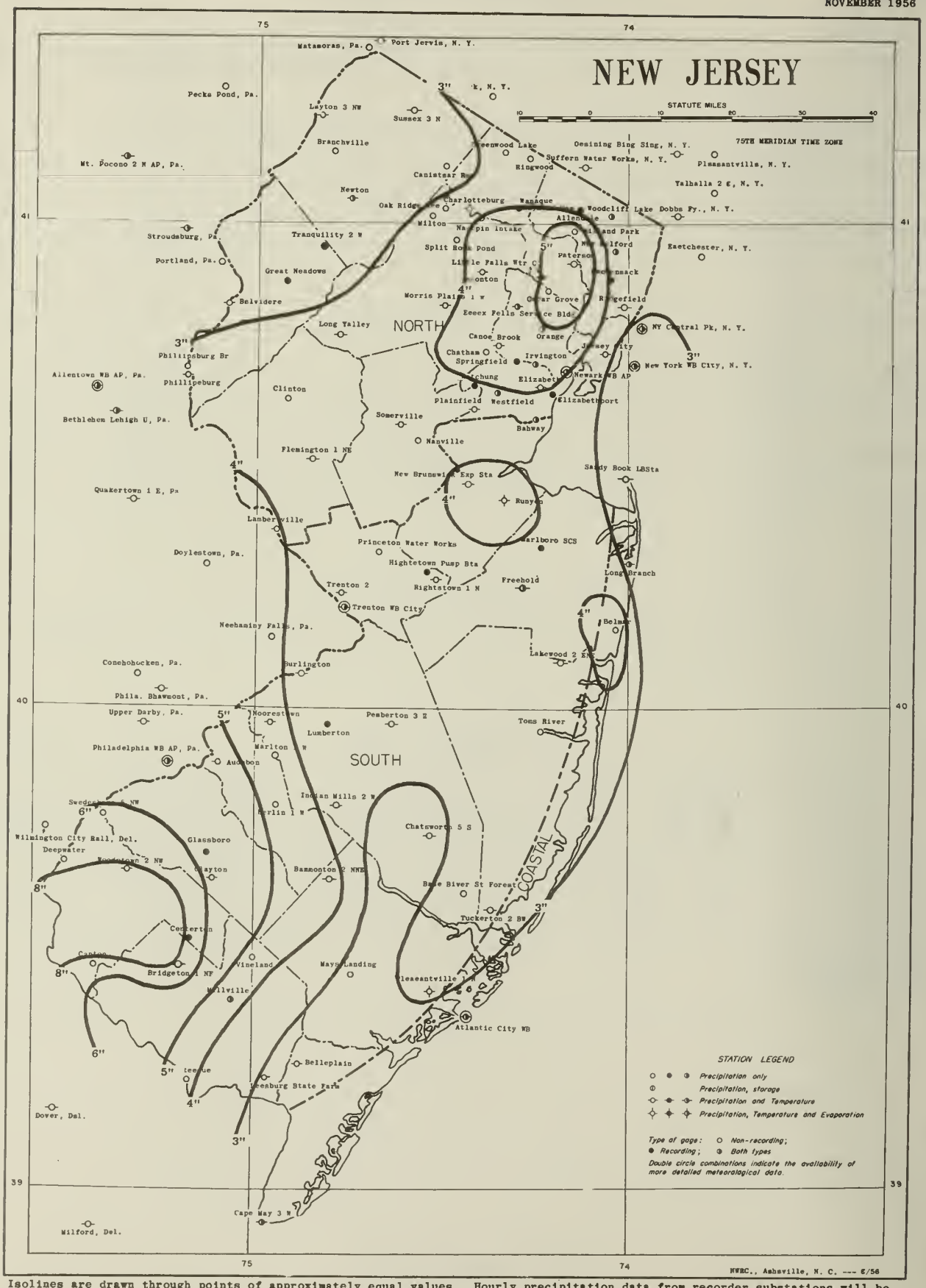
Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
ATLANTIC CITY WB CITY	-	-	16.2	52	SW	21	-	-	-	-	0	4	5	2	0	0	11	66	6.1
LONG BRANCH	SW	12	12.4	61	NW	21	-	78	63%	68	1	3	6	1	0	0	11	62	6.3
NEWARK WB AIRPORT	SSW	13	9.6	27*	NW	12+	77	79	56	68	3	3	4	2	1	0	13	-	6.2
TRENTON WB CITY	-	-	9.3	38	S	21	-	-	-	-	1	2	4	3	0	0	10	50	6.3

* Fastest observed one minute wind speed. This station is not equipped with automatic recording wind instruments.
% 12:00 Noon

See reference notes following Station Index.

TOTAL PRECIPITATION

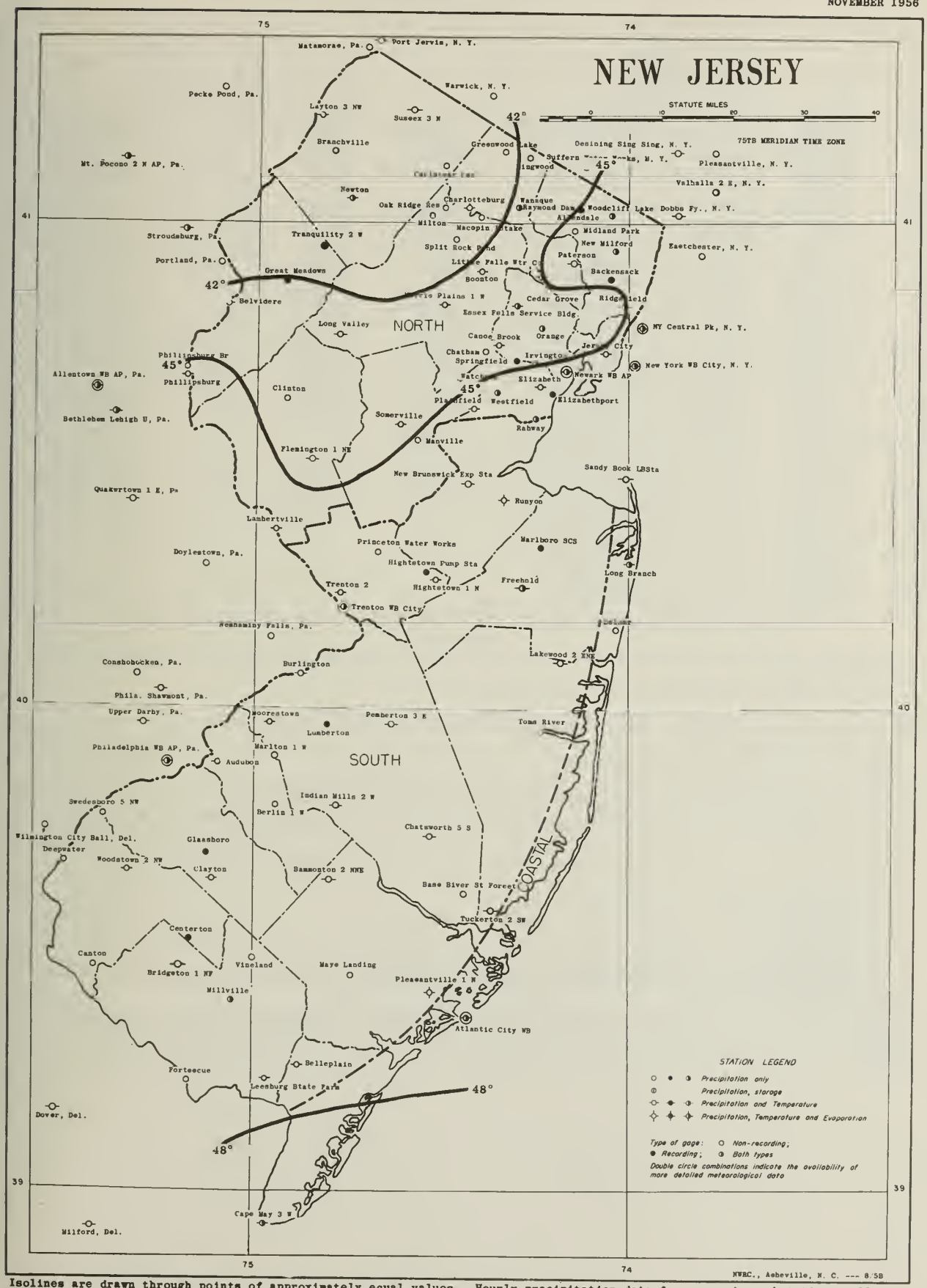
NEW JERSEY
NOVEMBER 1956



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication 'Hourly Precipitation Data'.

AVERAGE TEMPERATURE

NEW JERSEY
NOVEMBER 1956



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication 'Hourly Precipitation Data'.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MIO	BERGEN COUNTY ENGS	C
#ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MIO	MIO	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. MYGREN	2 3 5
BASS RIVER ST FORES7	0528	BURLINGTON	1	39 37	74 26	20		6P	N.Y. FORESTRY SVC	3 7
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P	MRS. ED C. HOFFNAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MIO	CITY WATER DEP7	3
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P	MISS C. S. HIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A	SAMUEL H. MC CULLEY	3
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WTR WKS	2 3 5
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A	ALBERT M. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	30 28	75 25	10		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	N.WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUMKETT	3
CENTERTON	1512	SALEM	6	39 31	75 10	80		MIO	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAN	1590	MORRIS	8	40 44	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P	WILLIAM S. HAINES	2 3 5
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MIO	DU PONT DE NEMOURS	3 -
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MIO	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	30 14	75 10	5		5P	F. A. ROOEMBAUGH	INAC 10/55
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	30 42	75 07	150		MIO	PROF. J. B. SANGREE	C
GREAT MEADOWS	3416	WARREN	2	40 53	74 55	560		MIO	EDWARD KOWALICK	C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A	GEORGE T. WIGGINS	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MIO	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MIO	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MIO	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MIO	MIO	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	MIO	MIO	GEORGE G. WADDILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5 7
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. M. DEPUE	2 3 5 7
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	8A	8A	LEESBURG STATE FARM	2 3 5
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A	PASSAIC VLY WTR COMM	2 3 5 7 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MIO	MIO	STORM WARN. OSPL S7A	2 3 5 7 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MIO	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A	NEWARK WATER DEP7	3
MANVILLE	5197	SOMERSE7	10	40 33	74 34	50		MIO	JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P	DAVID GRISCOM	3
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P	ELMER EARLE	3 7
MIDLAND PARK	5503	BERGEN	8	40 50	74 09	210		MIO	CORNELIUS HOWARD	3
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60		MIO	L. J. GALLAHER	3 7 C
MILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MIO	8A	M. J. WILLARD	2 3 5 7
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MIO	MIO	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTHUR H. AHLQUIST	2 3 5 7 G
NEW WILFORD	6146	BERGEN	4	40 57	74 02	12		MIO	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR CONN	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEP7	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MIO	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. DOEHLER7	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5 7
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7070	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MIO	PRINCETON WATER CO	3
RAHWAY	7393	UNION	9	40 36	74 15	20		MIO	RAHWAY VLY SWG AUTH	3 7 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MIO	MIO	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUMYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSE7	10	40 34	74 37	75	6P	6P	W. E. HAVER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY O P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MIO	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A	BRICE B. STANTON	2 3 5
SWEDESBORO 5 NW	8685	GLOUCESTER	2	30 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBER7 F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MIO	H. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MIO	MIO	E. H. RISTOW	2 3 5
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MIO	MIO	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8899	OCEAN	1	39 35	74 22	45	8A	8A	VERNON W. MOTT	INAC 1/56
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A	WATER SUPPLY COMM	3 7 C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MIO	BONNIE BURN SAN.	C
WESTFIELD	9455	UNION	9	40 39	74 21	135		5P	TOWN ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MIO	HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	9910	SALEM	2	39 40	75 20	16	6P	8A	WOODROW W. HALTER	INAC 2/56
NEW STATIONS										
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A	JOHN H. BERRYMAN	3
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A	HENRY N. NILLER	3
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1600	8A	8A	N. J. DEPT. OF CONS.	2 3 5
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A	ROBERT G. GLASGOW	3
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A	DAM A. COUGHLIN	3
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A	ROBERT N. NANNERS	3

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 9-PASSAIC; 8-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 9.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent samples published in Table 7 are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Data in Tables 3, 5, and 8 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in the standard of time in local use.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- \- No record in Tables 3, 8, 7 and the Station Index. No record in Tables 2 and 5, is indicated by no entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.
- \+ And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- \# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- G In the "Refer to Tables" column in the Station Index the letter "G" indicates that soil temperatures are published.
- M One to nine days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- S Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Information concerning the history of changes in location, elevations, exposure etc. of substations through 1955 may be found in the publication 'Substation History' for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, Annual for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWBC., Asheville, N. C. ---1/7/57 --- 750

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

DECEMBER 1956
Volume LXI No. 12

THE LIBRARY OF THE
FEB 27 1957
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1957

WEATHER SUMMARY

GENERAL

Weather that was warmer and wetter than usual were the two most outstanding features in December.

Temperatures averaged several degrees higher than the 25-year mean in each division, being greatest in the Coastal Division with a +6.8° departure. The highest temperature for the month was recorded at all stations on the 7th or 8th and reached 70° or above at a number of places with a top reading of 77° at Hammonton 2 NNE on the 8th. The lowest temperature for the month was 2° at Layton 3 NW on the 31st. Just under readings of 3° at Canoe Brook and Phillipsburg on the 30th.

Precipitation averages were greater than the 25-year means in all divisions with the departure of +1.11 inches in the Coastal Division being slightly greater than departures in the other divisions. Monthly totals ranged from 2.63 inches at Mays Landing to 6.34 inches at Phillipsburg. The greatest daily amount reported at the majority of stations exceeded one inch, with a measurement of 1.87 inches at Long Valley on the 14th topping the list. The snowfall in the State this month was considerably less than is usually expected. Layton 3 NW had 9.7 inches for the greatest monthly total, which was much more than other stations reported. The percentage of possible sunshine was deficient at both Atlantic City WB and Trenton WB City, the two stations for which such records are available.

WEATHER DETAILS

Somewhat cooler than usual was the rule during the first two days. For the period 3rd-8th readings were mostly on the positive side and well above seasonal levels on the 6th, 7th, and 8th. Cooler weather moved across the State on the 8th dropping temperatures to below the freezing level on the 9th and 10th. During the remainder of the month there were frequent changes in pressure patterns and as a result there was considerable fluctuation in temperature. However, for most of this period readings were mostly warmer than usual, except that incursions of cold Arctic air produced negative departures on the 19th and 30th. The minimum temperature for the month was recorded on the 30th or 31st at nearly all stations.

Precipitation during the first week of the month was of little consequence, however, the distribution for the remainder of the month was very good with measurable amounts occurring on more than one-half of the days. Snowfall in December was considerably less than the usually expected amount. From reports received, daily amounts seldom exceeded an inch, and some stations failed to receive even a trace.

WEATHER EFFECTS

Warm weather in December enabled fall sown crops to make additional growth and most growers were able to complete corn and soybean harvest. It was reported that soils did not freeze until late December and a few fields of soybeans and corn were not harvested until after the ground froze. Hazardous weather conditions caused considerable damage and inconvenience in the northern counties on the 13th and 14th.

DESTRUCTIVE STORMS

Associated with a frontal system to the south of New Jersey, an ice storm produced sleet and freezing rain in northern New Jersey (Bergen, Essex, Morris, Passaic, and Sussex Counties) during the night of the 13th and the morning of the 14th. As the storm swept across this portion of the State, the principal damages and injuries were confined to pedestrians, motorists, vehicles and roads. For the second consecutive night, in the late p.m. of the 14th, freezing rain and drizzle affected northern New Jersey. Sussex County was hardest hit by this storm, although parts of Bergen, Morris, Passaic and Warren Counties were also affected. Telephone and power lines were down, vehicles and roads were damaged. Some localities were without electricity for as long as 11 hours. Four persons were killed and others injured as a result of falling trees, wires, and automobile accidents.

FLOODS

None reported during December.

Franklin W. Long, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

CLIMATOLOGICAL DATA

NEW JERSEY
DECEMBER 1956

TABLE 2

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No of Days: .10 or More	.50 or More	1.00 or More
NORTHERN																								
BELVIDERE		45.3	29.2	37.3	5.3	62	7	12	30+	851	0	2	19	0	5.33	1.69	1.82	14	T	0		8	4	2
BOONTON 2 SE	AM	44.7	28.0	36.4	4.8	65	8	10	31	879	0	1	21	0	4.21	.97	1.28	15		0		9	3	1
CANOE BROOK	AM	47.0	27.5	37.3	6.0	69	8	3	30	856	0	1	19	0	4.58	1.06	1.28	15		T	10	10	4	1
CHARLOTTEBURG	AM	44.5	25.7	35.1	4.0	67	8	10	19+	918	0	1	23	0	4.60	.65	1.43	15	1.8	2	10	9	3	1
ELIZABETH		49.2	30.5	39.9	5.1	67	7	12	31	769	0	1	18	0	4.24	.82	1.27	14	.5	0		11	2	1
ESSEX FELLS SERV BLDG	AM	46.6	29.1	37.9		67	8	14	30	834	0	1	19	0	3.80		1.15	15	.0	0				1
FLEMINGTON 1 NE		48.1	29.2	38.7	5.2	70	7	10	31	808	0	1	18	0	3.78	.43	1.30	14	.5	T	9+	9	2	1
HIGH POINT PARK		39.9	23.7	31.8		60	8	4	30	1019	0	8	27	0	4.00		1.03	16						
JERSEY CITY		46.0	32.6	39.3	5.7	66	7	16	30	788	0	1	16	0	4.35	1.17	1.55	14	.0	0		12	3	1
LAMBERTVILLE		48.6	31.2	39.9	6.2	72	7	16	19	771	0	1	16	0	3.67	.52	1.06	14	T	0		10	2	1
LAYTON 3 NW		43.8	22.7	33.3	4.5	64	7	2	31	978	0	1	26	0	4.83	2.09	1.48	14	9.7	1	9+	10	2	1
LITTLE FALLS 1 E	AM	47.6	29.5	38.6	5.0	69	8	12	31	813	0	1	18	0	4.16	.38	1.18	15		1	10+	10	4	1
LONG VALLEY		46.1	27.7	36.9		66	7	8	31	862	0	1	19	0	4.63	1.07	1.87	14	1.0	0		7	2	2
MORRIS PLAINS		46.6	28.3	37.5		66	7	7	31	848	0	1	19	0	4.18		1.36	14	.9	T	10+	9	2	1
NEWARK WB AIRPORT	R	47.3	32.5	39.9	5.9	69	7	15	30	767	0	1	14	0	3.22	.12	1.12	14	1.3	T	10+	10	1	1
NEWTON	AM	42.6	25.3	34.0	4.1	61	8	9	31	952	0	1	23	0	4.43	1.30	1.30	15	2.5	1	2+	11	3	1
PATERSON	AM	47.4	31.8	39.6	5.5	68	8	15	30+	781	0	1	15	0	4.86	1.18	1.34	15	.1	0				1
PHILLIPSBURG		48.0	29.9	39.0	6.5	65	7	3	30	800	0	0	18	0	6.34	2.77	1.80	14	.5	1	27	10	3	2
PLAINFIELD		47.6	30.8	39.2	5.1	67	7	12	31	791	0	1	16	0	3.96	.53	1.51	14	.2	T	9	10	2	1
RIDGEFIELD		46.4	30.6	38.5	5.0	66	7	15	30	814	0	1	17	0	D4.59	.99	1.63	14	1.3	1	9	9	3	1
SOMERVILLE		48.4	29.9	39.2	6.0	69	7	13	31	794	0	1	18	0	3.93	.70	1.32	14	.2	T	9	9	2	1
SUSSEX 3 N	AM	41.3	24.4	32.9	2.3	58	8	8	31	990	0	2	26	0	3.77	.35	.93	15				10	3	0
DIVISION				37.4	4.9										4.34	.87			1.2					
SOUTHERN																								
AUDUBON		50.4	33.7	42.1		72	7	18	31	704	0	1	14	0	4.21		1.50	14	T	0		9	3	1
BELLEPLAIN		55.5	33.1	44.3		69	7+	12	31	635	0	0	16	0	5.18	1.65	1.01	16	1.0	1	29	16	3	1
BRIDGETON 1 NE	AM	51.8M	32.2M	42.0M		71	8	14	31	715	0		16	0	3.81		.80	16	.0	0		9	3	0
BURLINGTON		50.6	33.9	42.3	6.3	71	7	18	31	698	0	0	14	0	3.61	.67	1.00	14		0		8	2	1
CHATSWORTH 5 S		53.0M	32.4M	42.7M		75	7	11	31	691	0	1		0	4.77				.0	0				
CLAYTON		50.3	35.0	42.7		69	7	18	19+	687	0	0	8	0	3.12		.72	14+	T	0		8	3	0
FREEHOLD		49.0	32.2	40.6	5.9	71	7	13	31	746	0	1	15	0	D3.95	.57	.85	14	.6	0		8	4	0
HAMMONTON 2 NNE	AM	51.8	33.3	42.6	6.5	77	8	16	31	691	0	0	14	0	3.92	.80	.80	14	.0	0		9	4	0
HIGHTSTOWN 1 N		48.8	32.5	40.7	6.4	69	7	15	31	744	0	1	15	0	3.41	.49	.97	14	T	T	29	9	2	0
INDIAN MILLS 2 W		50.9	31.3	41.1	6.1	74	7	12	31	735	0	1	15	0	4.33	1.21	1.46	14	T	0		10	2	1
LAKEWOOD 2 ENE																								
LEESBURG STATE FARM	AM	52.7M	34.4M	43.6M		68	8	17	31	656	0	0	15	0	3.91		.91	16	.0	0		9	4	0
MOORESTOWN		49.5	33.2	41.4	6.6	70	7	18	19+	726	0	1	16	0	4.43	1.68	1.20	15	T	0		9	3	1
NEW BRUNSWICK EXP STA		48.5	31.6	40.1	5.9	69	7	13	31	765	0	0	16	0	4.12	1.06	1.20	14	T	T	29	9	2	1
PEMBERTON 3 E		51.5	32.9	42.2	6.5	73	7	14	31	701	0	0	15	0	4.41	1.50	1.05	14	.0	0		10	3	1
PLEASANTVILLE 1 N	AM	51.9	31.0	41.5	6.0	70	8	16	19	722	0	0	18	0	4.42	.84	1.10	16	.5	0		9	4	2
RUNYON		49.6	28.6	39.1	7.6	70	7	11	19	796	0	1	17	0	4.24	.90	1.06	14				11	3	1
TRENTON 2				M		68	7				0			0	3.68	.39	1.26	14		0				1
TRENTON WB CITY	R	48.5	33.9	41.2	6.2	69	7	17	30	728	0	1	12	0	3.22	.44	1.04	14	.2	T	10+	10	1	1
TUCKERTON 2 SW	AM																							
DIVISION				41.8	6.6										4.04	.88			.2					
COASTAL																								
ATLANTIC CITY WB	R	51.7	38.6	45.2	7.0	67	8	23	30	605	0	1	9	0	4.15	.84	1.21	15	T	0		9	2	1
CAPE MAY 3 W		53.0	39.5	46.3		65	7	24	19	575	0	0	5	0			1.50	15	.0	0				2
LONG BRANCH		49.4	33.9	41.7	6.5	73	7	15	30	717	0	1	12	0	4.35	.81	1.82	14	.2	T	29+	10	1	1
SANDY HOOK LBSTA		47.4	35.5	41.5	5.4	65	7	16	30	723	0	0	10	0	4.45	1.38	1.32	15	T	0		7	4	2
DIVISION				43.7	6.8										4.32	1.11			.1					

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
DECEMBER 1956

Station	Total	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB R	4.15									.08		.03	.16	.09	.93	1.21	.22	T	T		.1T	.04	.48	.41	.21			T		.12		
AUDUBON	4.21								T	.40		T	.06	.12	1.50	.26	.88				T	.22	.50	.13	.12			T		T		
BASS RIVER ST FOREST	4.T9									.20	.10				1.09	1.70					.25	*	*	*	*	.98			T	.4T		
BELLEPLAIN	5.18						.10			T	.16		.23	.12	.31	.54	1.01	.50	.16			.22	.36	.42	.46	.17		.10		.32		
BELMAR	4.95								.01	.34		.30	.11	.16	1.2T	.31	.51				.06	.18	.80	.85	.05					T		
BELVIDERE	5.33								.01	1.10			T	.2T	1.82	.26	.60					.26	.55	T	.33	.05		.06	.02			
BERLIN 1 W	4.40												.85	.75	1.00	.70	.35							.40							.35	
BLACKWELLS MILLS	4.14									.18	.61		.31	.09	.60	.93	.41				.20	.22	T	.34	.11	.14		T				
BOONTON 2 SE	4.21		T			T				.25	.65		.18	.19	.44	1.28	.25	T				.22	T	.65	.06	.04		T	T	T		
BOUND BROOK 1 W	-	-	-	-	-	-	-	-		.19	.28		.28	.06	.4T	.87	.24					.21		.30	.05	.12		T	.02			
BRANCHVILLE	4.41			.05	T			T		.40	.40	.05	.12		.40	.5T	1.15					.19	.01	.61	.20	.19				.02	.05	T
BRIDGETON 1 NE	3.81						.02	.01				.30	.02	.22	.65	.40	.80	.02	.02	T		.25	.20		.63	.07	.02		.04		.14	
BURLINGTON	3.61									.3T			.20	.09	1.00	.40	.64					.2T	.31	.09	.14	.04				.06		
CANISTEAR RESERVOIR	4.91			.03			T			.36	.59		.56	T	.57	1.26	.56		T			.19	.03	.45	.11	.12		.05	.03	T		
CANOE BROOK	4.58						T			.23	.55		.04	.19	.54	1.28	.34	.01				.23	.02	.4T	.13	.50			T	.05		
CANTON	3.8T										.21		.20		.66	.58	.99					.23	.04	.52	.25	.09		T		.09	.01	
CAPE MAY 3 W	-												T	.30	.02	1.50	1.10	T				-	-	-	-	-				-		
CEDAR GROVE	5.42						.02			.35	.65		.22	.04	.53	1.28	1.30					.20		.43	.20							
CHARLOTTEBURG	4.60			.02						.28	.76		.10	.20	.4T	1.43	.32		T			.20	T	.60	.09	.08			.03	T	.02	
CHATHAM	4.32			T						.20	.6T		.25	.1T	.49	1.30	.40					.19	.02	.44	.10	.06			.03			
CHATSWORTH 5 S	4.7T									.46	.01		.40	.43	.27	.5T	1.04	.02				*	*	1.18		.09				.30		
CLAYTON	3.12						T			.27			.19		.72	.10	.72		.05			T	.32	.60	.15	T	T	T				
CLINTON	4.6T		T	.02			.02		.05	.88			.09	.18	1.T0	.36	.38				.28	.40		.06	.14			.09	.02			
DEEPWATER	3.00									.15			.18	.15	.50	.92	.16				.18	.05	.46	.16	.09		T	T				
ELIZABETH	4.24								.01	.T6	.05	.01	.34	.16	1.2T	.34	.26					.25	.25	.25	.13	.03		.01	.01	.11		
ELIZABETHPORT	3.82					T			.09	.56		.10	.26	.03	1.5T	.09	.27				.01	.21	.40	.02	.10			T		.11		
ESSEX FELLS SERV BLDG	3.80									*	.98		.15	.25	.62	1.15	T	.40				.12		.10	.02				.01	T		
FLEMINGTON 1 NE	3.T8		T	T			T	T	.02	.80	.02	T	.22	.15	1.30	.30	.20	T	T			.23	.30	.11	.06	.02		.03	T	.02		T
FORTESCUE	-	-	-	-	-	-	-	-	-		.13		.07	.14	.40	.51	.80					.26		.27	.46	.06			.02		.05	
FREEHOLD	D3.95									.45			.33		.85	.50	.80						.60	.12	.02	.05		T		.21	D.02	
GREENWOOD LAKE	5.03			.06			T		T	.23	.84		.10	.22	.48	1.42	.58					.20	.03	.45	.10	.21			.05	.03	.03	T
HAMMONTON 2 NNE	3.92										.40			.19	.80	.60	.57					.24		.67	.20	.04					.21	
HIGH POINT PARK	4.00			.03						.8T	.01			.12	.74	*	1.03					.23	.14	.60	.19	.02		T	.02	T		
HIGHTSTOWN 1 N	3.41		T						T	.35	.01		.18	.11	.97	.2T	.69		T			.25	.32	.02	.1T			T		.07		
INDIAN MILLS 2 W	4.33							T		.33			.18	.06	1.46	.25	.88		T			.21	.40	.20	.15	.05		T		.16		
IRVINGTON	3.71			T			.01		.10	.55		.14	.26	.12	1.41	.14	.14					.21	.42	.01	.14			.02		.04		
JERSEY CITY	4.35						.01		.12	.65		.17	.18	.18	1.55	.10	.25					.23	.52	.03	.21			.01		.14		
LAKEWOOD 2 ENE		RECORD MISSING																														
LAMBERTVILLE	3.6T							.02	.13	.66			.31	.11	1.06	.02	.34					.34	.28	.12	.05	.13		.05		.05		
LAYTON 3 NW	4.83			.06			T		.04	.90			.04	.14	1.48	.34	.36		.04			.19	.26	.27	.30	.30		.03	.04	.04		T
LEESBURG STATE FARM	3.91										.10		.24	.50	.32	.70	.91					.23		.32	.59							
LITTLE FALLS 1 E	4.16			T			T			.44	.54		.21	.15	.51	1.18	.26					.21	.01	.50	.10	.03			.01	T	.01	
LONG BRANCH	4.35								.01	.34		.26	.06	.13	1.82	.32	.3T				.04	.18	.3T	T	.16	.01		T		.28		T
LONG VALLEY	4.63			.05			.03			1.04			.09	.20	1.8T	.40						.25	.45		.17			.08				
MACOPIN INTAKE	4.22			.02			.01			.39	.63		.05	.15	.49	1.21	.36					.19	T	.53	.09	.05			.03	T	.02	
MAHWAH	4.07			.04			T			.22	.T3		.19	.16	.31	1.27	.39		T			.1T	T	.36	.05	.09			.03	.04	.02	
MANVILLE	4.83							.12		.T1		.25	.30	.28	1.80	.25	.15				T	.24	.38	.10	.25							
MARLTON 1 W	4.81										.34		.13	.20	.84	.72	1.50					.20	.46		.36			.02		.04		
MAYS LANDING	2.63									.04	.06		.05	.04	.10	*	1.00					.20	.28	.25	.15	.10		.06		.30		
MIDLAND PARK	5.18						.01			.89		.14	.05	.17	.46	1.28	1.25					.15	.64	.06	.05			.01	.01	.01		
MILLVILLE	3.64									.17		.03	.16	.25	.99	.2T	.61				.20	.02	.29	.29	.14			.05		.1T		
MILTON	5.51			.04						.73	.43		.09	.23	.48	1.65	.58		.03			.20	.13	.53	.17	.13			.03	.06		
MOORESTOWN	4.43						T			.02	.38		.14	.05	.72	1.20	.94					.23	.18	.21	.28	.02			T		.06	
MORRIS PLAINS	4.18		T	.01			.01		T	.89	.03		.22	T	1.36	.38	.29					.20	.42	.1T	.10	.03		.03	.01	.03		T
NEWARK WB AIRPORT R	3.22		T	T			.01		.06	.43		.12	.20	.09	1.12	.12	.19		T		T	.20	.41	.02	.11	.01		.02	T	.11		T
NEW BRUNSWICK EXP STA	4.12								.02	.T8	.03		.30	.10	1.20	.35	.44		T			.2T	.26	.09	.14	.07		T		.0T		
NEW MILFORD	4.54			.02					.12	.82		.18	.10	.16	1.82	.12	.20				.20		.60		.16					.04		
NEWTON	4.43		.02							.28	.55	.10	.02	.15	.35	1.30	.45					.22	T	.65	.15	.11			.06	.02		
OAK RIDGE RESERVOIR	5.17			.03						.28	.83		.12	.21	.52	1.40	.49					.24	T	.63	.14	.17			.03	.05	.03	
OLDWICK	4.42			.02			.03			.34	.50		.15	.19	.53	1.32	.36		.01			.27	.01	.46	.09	.08			.06			
ORANGE	4.50									.36	.51		.25	.17	.T8	1.08	.36						.T2	.15	.05			.02		.05		
PATERSON	4.86			.22			T			*	.60		.70	.16	.52	1.34	.30		T	T		.20	T	.65	.12	.03			.02	T	T	
PEMBERTON 3 E	4.41									.32			.23	.02	1.05	.69	.94					.22	.45	.15	.14	.02				.18		
PHILLIPSBURG	6.34		T	T			T	T	T	1.31	T		.3T	.42	1.80	.43	.47		T			.34	.50	.25	.35	.04	T	.06	T			T
PHILLIPSBURG BRIDGE	4.58		T	.05							.99			.07	.60	1.20	.52	T				.25				.86	.01				.03	
PLAINFIELD	3.96		T				T		.15	.56		.11	.21	.14	1.51	.09	.29		T			.24	.36	.06	.14	.05		.01	T	.04		T
PLEASANT RUN		RECORD MISSING																														
PLEASANTVILLE 1 N	4.42										T		.19	.14	.21	1.03	1.10					.22		.78	.54	.03			T		.18	T
PRINCETON WATER WORKS	3.69					T	T	T		.4T			.21	.21	.20	1.15	.32	.27			.05	.24	.32	.04	.19			T		.02		
RAHWAY	3.98						T		.08	.67		.10	.27	.0T	1.50	.09	.27				.08	.1T	.42	T	.11			T		.15		
RIDGEFIELD	D4.59						T		.07	.80	D.02	.02	.28	.27	1.63	.12	.16					.03	.75	.07	.21			T	T	.16		
RINGWOOD		RECORD MISSING																														
RUNYON	4.24									.64			.42	.10	1.06	.36	.67					.16	.28	.15	.08	.12				.20		
SANDY HOOK LBSTA	4.45								.03	.61			T	T	1.23	1.32	.70					T	.20	.14	.12	.07		T		.03		
SOMERVILLE	3.93								.01	.91			.23	.12	1.32	.31	.21					.22	.30	.05	.14	.03		.06		.02		
SPLIT ROCK POND	4.47			.02			.02			.46	.5T		.14	.16	.32	1.31	.42					.20	.01	.60	.14	.05			.04	.01		
SUSSEX 3 N	3.77			.08			T			.23	.56		.05	.11	.48	.93	.21					.18	.01	.53	.13	.16			.05	.06		T
SWEDESBORO 5 NW	3.67						T			.19	.17		.12	.09	.81	.42	.95	.01	T			.18	.21	.27	.20	.02	T	.02	T	.01		T
TOMS RIVER	4.23									.50			.22		1.25	.58	.57						.79	.22						.10		
TRENTON 2	3.68		T			.02	T		.01	.44		.19	.19	.21	1.26	.32	.23				*	*	*	*	*	*	*	*	*	*	*	.81
TRENTON WB CITY R	3.22		T			T	T		.02	.36		.10	.16	.23	1.04	.27	.27					.07	.23	.27	.03	.14	T		.01		.02		T
TUCKERTON 2 SW		RECORD MISSING																														
VINELAND	3.68												.40	.08	.30	.85	.91					.23	T	.29	.40	.05			.01		.16	
WANAQUE RAYMOND DAM	4.19				.01		T			.24	.71	.18	.14	.40	1.34	.35						.16	.45		.05	.06		.06	.02	.02		
WERTSVILLE	2.86						.01			.23	.59		.27	.08	.56	.10	.26		.01			.25	.14	.11	.10	.11		T	.02	T	.02	
WESTFIELD	4.11									*	*	*	*	1.19	*	*	2.09						*	*	*	.78		.05		T		
WOODCLIFF LAKE	4.14			.02					.10	.80		.20	.08	.14	1.58	.12	.22				.24		.50		.12					.02		

See Reference Notes Following Station Index

Table 5

DAILY TEMPERATURES

NEW JERSEY
DECEMBER 1956

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	38	48	59	61	53	59	59	67	50	47	55	53	61	51	51	58	53	52	45	58	58	54	50	52	46	40	48	51	48	30	49	51.7
	MIN	28	33	42	41	38	50	52	50	31	28	44	47	41	41	44	45	43	29	24	40	47	47	43	44	36	31	35	39	30	23	30	38.6
AUDUBON	MAX	39	43	64	59	55	62	72	64	49	45	54	56	60	43	43	58	52	50	43	58	51	51	48	47	44	39	42	50	42	30	50	50.4
	MIN	24	30	38	31	32	45	43	48	30	25	34	45	37	35	37	40	40	28	19	35	43	42	38	38	36	27	27	30	29	21	18	33.7
BELLEPLAIN	MAX	48	46	59	63	60	68	69	69	56	48	59	58	65	59	55	56	52	51	49	60	64	57	58	58	52	44	45	53	52	35	52	55.5
	MIN	18	31	32	22	30	49	44	45	31	20	25	44	50	37	44	43	39	33	19	26	38	45	42	44	36	23	23	28	32	22	12	33.1
BELVIDERE	MAX	31	39	52	53	54	59	62	59	44	38	47	47	55	40	35	51	50	49	35	50	53	49	44	42	42	40	37	39	35	29	43	45.3
	MIN	21	27	31	26	26	34	37	43	31	21	30	40	37	32	33	34	32	28	16	28	34	36	34	35	34	20	26	26	30	12	12	29.2
BOONTON 2 SE	MAX	36	37	40	54	54	41	62	65	56	37	38	45	54	57	35	41	55	53	45	41	50	54	44	38	43	42	37	35	38	37	23	44.7
	MIN	19	21	32	28	24	24	39	42	35	19	21	32	43	32	32	34	31	33	15	20	32	34	36	35	36	21	21	25	28	14	10	28.0
BRIDGETON 1 NE	MAX	36	39	44	62	59	55	65	71				45	53	62	51	45	55	50	50	46	55	56		55	50	43		44			51	51.8
	MIN	20	24	36	29	32	39	45				23	29	39	36	39	39	39	42	16	26	41	43		39	38	22		23			14	32.2
BURLINGTON	MAX	39	40	62	60	54	60	71	64	49	44	55	56	60	45	44	57	53	51	42	57	52	51	50	50	46	42	40	47	45	34	49	50.6
	MIN	27	34	38	29	30	46	42	47	34	25	27	45	44	35	37	39	37	32	20	32	36	44	40	37	38	24	27	32	31	23	18	33.9
CANOE BROOK	MAX	36	42	42	57	55	46	63	69	58	38	47	54	62	55	37	41	55	56	44	46	51	55	44	42	44	42	39	36	39	38	23	47.0
	MIN	17	21	31	24	21	35	35	49	35	20	20	38	42	25	33	35	29	30	14	24	29	33	36	36	38	20	20	25	25	3	9	27.5
CAPE MAY 3 W	MAX	48	45	56	57	57	62	65	64	55	45	56	54	60	56	54	52	50	52	48	54	57	55	54	52	49	46	53	53	49	37	48	53.0
	MIN	32	33	42	34	39	49	49	51	42	33	40	46	45	40	46	44	42	42	24	35	43	48	44	45	40	30	42	40	33	25	27	39.5
CHARLOTTEBURG	MAX	34	36	38	53	50	48	64	67	53	34	36	47	54	57	34	42	53	52	43	52	49	50	44	38	43	37	37	34	41	40	21	44.5
	MIN	15	18	29	29	22	25	39	45	32	18	18	34	39	31	30	32	27	26	10	10	28	37	34	33	34	23	16	23	20	10	10	25.7
CHATSWORTH 5 S	MAX	38	44	63	60	55	70	75	67	60	45	59	67		51	50	58	51								47	41	43	49	45	30	51	53.0
	MIN	18		35	25	29	52	39	49	37	21	24		36	45	40	43	36								41	24	24	34	30	20	11	32.4
CLAYTON	MAX	35	40	62	58	53	62	69	63	58	43	54	57	59	51	42	55	49	49	43	54	51	51	49	49	43	36	41	50	45	38	49	50.3
	MIN	27	29	38	32	33	45	43	49	39	34	33	46	37	34	36	43	39	36	18	36	43	44	40	37	33	28	29	34	35	18	18	35.0
ELIZABETH	MAX	39	45	59	60	48	61	67	64	49	41	49	56	58	46	40	59	57	50	39	55	52	46	46	46	45	42	38	44	45	32	47	49.2
	MIN	20	25	35	27	30	42	39	43	32	20	24	44	44	33	35	38	32	31	17	28	35	36	37	32	36	21	24	29	30	15	12	30.5
ESSEX FELLS SERV BLDG	MAX	35	45	47	58	52	53	62	67	60	36	52	50	49	45	35	46	50	53	48	54	52	52	44	40	44	42	35	38	37	40	24	46.6
	MIN	18	20	28	35	30	30	36	44	34	25	30	32	30	31	33	35	38	35	18	20	38	38	34	33	30	20	20	29	30	14	15	29.1
FLEMINGTON 1 NE	MAX	37	40	59	56	47	61	70	60	48	40	49	54	58	44	38	57	55	47	39	53	57	52	45	42	45	40	38	43	39	32	47	48.1
	MIN	17	27	30	22	22	42	35	48	30	25	19	43	43	33	34	36	30	29	15	28	35	35	36	36	33	18	24	25	30	15	10	29.2
FREEHOLD	MAX	39	42	61	55	49	62	71	63	48	42	55	55	54	45	43	56	58	48	39	54	50	49	49	44	43	40	39	45	44	31	47	49.0
	MIN	22	27	36	32	30	45	48	45	33	21	30	45	36	34	36	38	37	29	17	31	38	42	37	37	34	23	25	30	30	16	13	32.2
HAMMONTON 2 NNE	MAX	37	43	45	54	62	55	69	77	67	50	51	59	66	65	51	50	59	51	50	45	58	54	52	45	48	42	39	43	44	38	36	51.8
	MIN	23	25	38	33	29	31	50	53	40	24	27	36	45	36	39	40	40	41	19	20	38	42	34	39	38	26	25	32	30	22	16	33.3
HIGH POINT PARK	MAX	29	31	32	46	41	47	59	60	49	31	31	42	50	49	35	35	48	42	34	41	39	45	41	34	45	45	38	31	34	29	25	39.9
	MIN	18	19	27	31	19	22	37	41	28	14	23	28	29	26	26	26	32	33	11	17	28	38	29	28	30	13	18	14	21	4	5	23.7
HIGHTSTOWN 1 N	MAX	38	41	60	57	50	60	69	63	52	41	53	54	58	48	41	56	54	49	38	54	49	49	47	43	43	40	39	45	44	32	46	48.8
	MIN	23	28	35	28	28	45	44	52	36	22	28	45	43	33	36	38	36	32	18	32	36	41	37	37	35	23	26	30	30	17	15	32.5
INDIAN MILLS 2 W	MAX	38	43	63	59	54	66	74	65	53	45	57	57	61	48	46	56	50	50	43	55	52	50	50	46	45	40	41	49	42	31	50	50.9
	MIN	17	26	35	25	27	39	40	53	33	19	26	44	45	35	38	40	34	31	13	29	36	40	38	39	36	19	21	27	31	21	12	31.3
JERSEY CITY	MAX	35	44	57	55	45	55	66	59	37	38	50	57	56	38	39	56	54	46	37	52	47	45	43	42	43	38	39	43	40	24	45	46.0
	MIN	28	31	38	28	30	42	48	40	26	20	27	45	36	32	35	39	41	25	21	35	39	43	36	37	30	28	29	36	30	16	21	32.6
LAKEWOOD 2 ENE	MAX																																
	MIN																																
LAMBERTVILLE	MAX	38	40	60	57	52	62	72	61	45	42	50	54	58	44	39	57	56	48	40	54	55	47	45	46	45	38	40	44	40	32	47	48.6
	MIN	20	30	32	25	26	42	39	45	33	25	26	43	43	33	35	37	33	31	16	28	35	38	38	37	35	21	26	30	31	17	17	31.2
LAYTON 3 NW	MAX	38	40	50	50	43	61	64	63	40	35	42	59	54	38	35	50	47	43	36	50	44	40	42	40	40	37	34	35	35	28	44	43.8
	MIN	8	22	25	18	17	33	51	36	32	9	13	31	34	25	29	30	23	20	5	16	22	33	31	30	30	13	13	18	28	7	2	22.7
LEESBURG STATE FARM	MAX			45	63	59	59	63	68	64	49	46	54	54	64	53	56	56	53	48	45	56	57	56	52	53	40	40	44	53	39	40	52.7
	MIN			33	28	32	37	43	53	46	22	27	41	44	38	44	44	40	44	19	22	32	36	42	42	38	26	25	29	30	23	17	34.4
LITTLE FALLS 1 E	MAX	39	40	43	58	56	46	64	69	59	38	44	50	57	59	38	44	60	56	46	44	53	55	45	40	44	44	40	38	44	38	26	47.6
	MIN	22	27	33	30	27	32	40	45	35	22	23	41	43	33	33	34	31	23	17	24	32	34	36	34	36	22	22	26	30	15	12	29.5
LONG BRANCH	MAX	36	42	60	56	51	64	73	61	45	41	55	56	62	45	48	57	58	48	40	53	50	50	44	45	45	38	43	47	45	25	48	49.4
	MIN	25	31	39	33	37	49	47	45	30	24	33	46	38	37	38	39	39	25	20	36	41	45	38	39	33	25	28	32	25	15	18	33.9
LONG VALLEY	MAX	35	37	57	55	45	60	66	62	47	38	44	54	56	42	38	56	53	43	36	51	56	52	42	42	44	36	33	37	36	32	44	46.1
	MIN	14	20	30	24	28	36	42	44	31	18	19	40	39	32	33	35	29	28	14	26	34	33	33	35	34	19	20	18	31	11	8	27.7
MOORESTOWN	MAX	37	42	63	59	53	62	70	62	44	44	54	56	60	43	42	57	52	49	42	57	53	51	45	46	45	38	41	48	40	28	50	49.5
	MIN	24	32	36	31	31	43	45	44	29	25	29	45	37	34	37	39	39	27	18	35	43	43	38	40	32	23	30	32	28	18	21	33.2
MORRIS PLAINS	MAX	36	39	55	55	48	62	66	65	47	38	44	54	57	42	35	55	54	50	37	49	56	51	43	42	42	39	34	40	35	30	44	46.6
	MIN	17	25	30	25	24	35	38	47	34	18	19	40	42	31	33	35	30	31	13	29	30	33	35	34	36	20	22	23	30	12	7	28.3
NEWARK WB AIRPORT	MAX	38	43	58	56	46	61	69	60	39	40	49	55	60	38	40	58	57	47	39	53	50	45	44	44	44	40	38	43	40	25	47	47.3
	MIN	26	30	38	34	30	44	46	39	28	23	30	45	35	33	35	38	38	24	22	34	41	43	37	37	31	27	27	34	25	15	18	32.5
NEW BRUNSWICK EXP STA	MAX	37	41	59	55	52	62	69	65	48	40	52	53	59	45	40	55	55	46	38	52	54	48	46	42	45	41	38	44	42	33	47	48.5
	MIN	22	27	35	30	29	43	44	46	34	22	27	44	44	32	34	37	36	31	17	28	36	40	37	36	35	22	25	30	30	15	13	31.6
NEWTON	MAX	34	35	37	53	51	44	52	61	51	35	36	47	54	55	35	34	50	54	43	42	47	46	44	36	42	38	36	34	38	36	22	42.6
	MIN	15	20	28	25	23	25	33	40	24	16	18	36	38	30	30	32	28	28	12	14	29	33	33	33	35	17	19	23	27	10	9	25.3
PATERSON	MAX	37	43	44	57	55	47	60	68	54	37	40	49	54	60	37	45	58	55	46	40	53	52	45	40	45	43	41	38	45	48	32	47.4
	MIN	25	27	32	34	28	30	45	48	35	22	24	39	45	32	33	36	35	37	20	21	37	40	36	36	37	26	27	32	36	15	15	31.8
PEMBERTON 3 E	MAX	39	43	63	58	54	64	73	65	54	45	58	57	62	48	46	58	56	50	42	58	51	51	50	45	45	41	41	48	47	34	50	51.5
	MIN	18	28	37	26	30	45	45	55	37	20	30	45	46	35	39	39	35	32	16	31	39	41	38	37	36	21	24	29	31	20	14	32.9
PHILLIPSBURG	MAX	38	39	58	58	55	58	65	63	43	40	47	55	57	47	38	54	55	52	39	52	54	54	45	43	43	40	38	40	40	33	45	48.0
	MIN	22	29	31	26	26	42	52	35	35	22	26	42	44	33	32	36	32	32	6	29	34	37	37	36	36	23	26	27	31	3	5	29.9
PLAINFIELD	MAX	38	43	59	58	45	60	67	62	41	41	50	50	58	40	40	57	57	47	39	55	54	46	45	43	44	41	37	43	40	28	47	47.6
	MIN	20	26	35	27	28	45	41	41	32	21	23	43	40	33	35	39	34	28	16	31	36	42	37	37	35	22	24	28	28	15	12	30.8
PLEASANTVILLE 1 N	MAX	36	40	45	59	60	55	67	70	66	49	45	58	56	62	55	53	57	54	51	46	58	58	55	49	53	43	40	44	52	40	34	51.9
	MIN	20	23	30	25	25	30	40	50	44	20	23	28	35	38	45	43	38	41	16	17	40	46	42	43	31	22	21	21	22	19	22	31.0
RIDGEFIELD	MAX	42	45	58	56	53	58	66	58	37	38	46	55	57	36	39	56	55	45	38	52	50	44	41	42	42	39	42	43	38	23	45	46.4
	MIN	24	28	36	32	28	38	45	37	27	22	27	45	34	32	34	37	35	22	18	32	38	39	36	36	34	23	25	30	23	15	17	30.6

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RUNYON	MAX	40	44	62	60	53	64	70	67	53	44	53	58	60	47	41	57	56	46	39	55	48	40	47	43	44	47	39	44	39	32	47	49.6
	MIN	16	28	33	28	26	35	38	44	34	20	21	36	34	34	33	33	34	32	11	25	30	32	34	38	37	17	20	25	31	15	12	28.6
SANDY HOOK L8STA	MAX	38	41	52	51	49	55	65	60	46	40	52	52	55	45	43	53	56	46	39	52	48	47	47	44	43	41	41	45	45	34	44	47.4
	MIN	30	33	39	38	32	47	47	46	34	27	36	45	45	38	37	38	40	28	28	37	39	41	39	38	39	29	31	36	30	16	19	35.5
SOMERVILLE	MAX	38	43	60	56	47	60	69	61	49	40	49	56	58	48	43	56	56	48	39	52	56	47	45	42	44	39	37	42	41	32	47	48.4
	MIN	18	19	32	24	28	43	39	48	32	19	22	44	43	33	35	38	32	29	14	27	34	39	37	36	36	19	22	25	32	15	13	29.9
SUSSEX 3 N	MAX	34	37	38	52	48	38	51	58	51	30	35	46	54	51	33	34	47	47	43	38	46	43	42	35	43	43	35	35	38	35	20	41.3
	MIN	17	19	28	28	21	22	35	45	30	10	17	29	34	26	28	30	26	30	13	13	27	33	32	31	33	19	17	25	21	10	8	24.4
TRENTON 2	MAX	39	43	61	57	52	61	68	61	44	42	48	53	50	40	41	55	55	50	39													
	MIN	26	32	37	33	30	48	47	44	28	26	34	46	39	35	36	40	40	27	21													
TRENTON WB CITY	MAX	39	41	61	58	52	58	69	60	43	42	54	54	59	41	40	57	53	49	39	55	52	50	46	46	45	38	40	46	41	26	48	48.5
	MIN	26	34	38	35	32	49	48	43	28	27	33	44	35	34	36	39	42	25	22	36	43	41	37	38	31	28	29	36	26	17	20	33.9
TUCKERTON 2 SW	MAX																																
	MIN																																

DAILY SOIL TEMPERATURES

DEPTH		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
		NEW BRUNSWICK EXP STATION																															
MEASURED UNDER SOD																																	
1 INCH	MAX	37	40	45	45	43	50	52	53	45	41	43	47	50	42	41	48	49	44	39	45	46	44	43	43	43	40	37	40	38	33	32	43.2
	MIN	32	33	37	36	25	43	44	45	37	35	34	43	42	39	39	41	41	35	32	31	40	43	40	40	36	34	33	34	32	30	30	38.7
2 INCHES	MAX	37	40	44	44	42	48	50	52	46	41	42	46	49	43	42	47	47	44	38	43	45	44	43	43	43	40	37	39	38	34	32	40.2
	MIN	33	34	38	37	26	42	44	46	39	37	35	43	43	40	40	41	41	37	34	33	40	43	41	41	37	35	34	35	34	31	31	37.6
4 INCHES	MAX	37	39	43	43	42	48	49	51	47	41	42	46	48	44	42	46	47	44	38	43	44	44	43	43	43	40	37	39	38	35	33	42.6
	MIN	34	35	38	38	28	42	44	47	40	38	36	42	44	40	41	41	42	38	35	33	40	43	41	41	38	38	35	35	35	32	32	38.2
8 INCHES	MAX	40	39	41	42	42	45	48	49	47	43	42	44	47	46	45	44	45	46	42	41	43	44	44	43	43	41	40	40	40	38	36	43.0
	MIN	37	37	39	40	40	42	45	47	44	40	39	42	44	43	42	42	43	43	39	39	41	43	42	42	41	39	37	37	38	35	34	40.5
18 INCHES	MAX	42	41	42	43	43	45	46	47	46	47	44	45	48	46	46	45	45	45	44	43	44	44	44	44	44	43	42	41	41	41	38	43.8
	MIN	40	40	41	42	42	43	45	46	45	44	42	43	44	44	44	44	44	44	42	41	42	43	44	43	43	41	40	40	40	38	37	42.3
32 INCHES	MAX	46	46	46	45	45	46	46	47	47	47	47	46	46	47	48	48	47	46	46	46	45	48	46	46	46	48	45	44	44	44	43	45.8
	MIN	46	45	45	45	45	45	45	46	47	46	46	46	46	46	48	46	46	46	46	45	45	45	45	45	45	44	44	44	44	43	42	45.2

Measured under Kentucky Bluegrass.

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed m. p. h.: Fastest mile	Wind speed m. p. h.: Direction of fastest mile	Wind speed m. p. h.: Date of fastest mile	Relative humidity averages - percent: 1:30 a EST	Relative humidity averages - percent: 7:30 a EST	Relative humidity averages - percent: 1:30 p EST	Relative humidity averages - percent: 7:30 p EST	Number of days with precipitation: Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB CITY	-	-	14.8	38	NE	-	-	-	-	-	3	4	7	1	1	0	18	38	7.9
LONG BRANCH	SW	18	14.4	42	E	14	-	83	Ø 75	76	0	4	9	0	1	0	14	45	7.7
NEWARK WB AIRPORT	SW	14	9.1	35++	NNW	18	85	87	71	77	6	8	9	0	1	0	22	-	7.3
TRENTON WB CITY	-	-	8.9	34	NW	30	-	-	-	-	5	5	9	0	1	0	20	40	7.1

++ Fastest observed one minute wind speed. This station is not equipped with automatic recording wind instruments.
Ø 12:00 Noon

See reference notes following Station Index.

Table 7

SNOWFALL AND SNOW ON GROUND

NEW JERSEY
DECEMBER 1956

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	SNOWFALL																													T		
	SN ON GND																															
	WTR EQUIV																															
BELVIDERE	SNOWFALL									T																			T			
	SN ON GND																															
CHARLOTTEBURG	SNOWFALL			.3							1.5																		T			
	SN ON GND			T							2	1																	T			
CLAYTON	SNOWFALL																										T	T				
	SN ON GND																															
FLEMINGTON 1 NE	SNOWFALL		T	T						T	T				T													.5		T		T
	SN ON GND									T	T																	T				
FREEHOLD	SNOWFALL																													.4	.2	
	SN ON GND																															
HIGHTSTOWN 1 N	SNOWFALL		T								T																	T		T		
	SN ON GND																													T		
INDIAN MILLS 2 W	SNOWFALL																											T		T		
	SN ON GND																															
LAMBERTVILLE	SNOWFALL									T																		T		T		
	SN ON GND																															
LAYTON 3 NW	SNOWFALL			2.2						1.5					1.5	1.0												1.0	2.0	.3		.2
	SN ON GND									1					1	1	T											T	T			
LITTLE FALLS WATER CO	SNOWFALL										-				-																	
	SN ON GND										1	1			T																	
LONG BRANCH	SNOWFALL									T																		T		.2		
	SN ON GND																													T	T	
LONG VALLEY	SNOWFALL																											1.0				
	SN ON GND																															
MAYS LANDING	SNOWFALL																											T				
	SN ON GND																															
MOORESTOWN	SNOWFALL																												T			
	SN ON GND																															
MORRIS PLAINS	SNOWFALL		T	.1						T	.5																	.3	T	T		T
	SN ON GND										T																	T				
NEWARK WB AIRPORT	SNOWFALL									1.1				T	T													.1	T	.1		T
	SN ON GND										T																	T				
	WTR EQUIV																															
NEW BRUNSWICK EXP STA	SNOWFALL									T																		T		T		
	SN ON GND																													T		
NEWTON	SNOWFALL		.5								1.0	1.0																				
	SN ON GND		1								1	1																				
PATERSON	SNOWFALL																												.1			
	SN ON GND																															
PHILLIPSBURG	SNOWFALL		T	T							T																T	.5	T			T
	SN ON GND																											1				
PLAINFIELD	SNOWFALL		T							.2					T													T		T		T
	SN ON GND									T																						
RAHWAY	SNOWFALL									T																		T		T		
	SN ON GND									T																				T		
RIDGEFIELD	SNOWFALL									.8	.2																	T		.3		
	SN ON GND									1																				T		
SOMERVILLE	SNOWFALL									T																		.2		T		
	SN ON GND									T																						
TRENTON WB CITY	SNOWFALL		T																									.1		.1		T
	SN ON GND										T																					

CLIMATOLOGICAL DATA

TABLE 2

NEW JERSEY
DELAYED DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days Max 90° or Above	No of Days Max 32° or Below	No of Days Min 32° or Below	No of Days Min 0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet Total	Snow, Sleet Max Depth on Ground	Snow, Sleet Date	No. of Days 10 or More	No. of Days 50 or More	No. of Days 1.00 or More
SEPTEMBER 1956																							
MILLVILLE	76.8M	56.0M	66.4M		89	15	37	21	112	0	0	0	0	2.38		1.14	7	.0	0		5	2	1
SANDY HOOK LB STA	71.0	60.0	65.5		85	14	44	21		0	0	0	0	3.16				.0	0		7	2	
OCTOBER 1956																							
MILLVILLE	67.7M	47.0M	57.3M		79	16			236	0	0	0	0			1.93	23	.0	0				
NOVEMBER 1956																							
MILLVILLE	58.4M	37.4M	47.9M		75	3	14	24	515	0		0	0	4.28		2.00	2	T	0		4	3	2

See reference notes following Station Index.

Table 3

DAILY PRECIPITATION

NEW JERSEY
DELAYED DATA

Station	Day of month																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SEPTEMBER 1955																																
6RIDGETON 1 NE		.03									.03	.03						.01		1.23	.29			.53	.29			.26	.02			2.72
OCTOBER 1955																																
6RIDGETON 1 NE	.13					.16	.11	.07	.33					T	2.24										.19					1.52		4.75
NOVEMBER 1955																																
6RIDGETON 1 NE				.07							1.06					.17				.44												1.74
DECEMBER 1955																																
6RIDGETON 1 NE			.02							.29															T							.31
JANUARY 1956																																
BRIDGETON 1 NE										.37	.43	.22	.03	.07			.14			.44									.06	.20	.05	2.01
FEBRUARY 1956																																
BRIDGETON 1 NE		.09	.66		.41		.74			T	.17	.32						.93	.03						.17	.01		.10				3.65
MARCH 1956																																
BRIDGETON 1 NE		.02	.27	.13			.02	.09	.54		.06	.07	.52	.65	.75		.70		.10	.07				.04						.32		4.35
SEPTEMBER 1956																																
MILLVILLE			T				1.14	.03				T	T		.01	.09	.01	.23		.11		T		.05	.12		.03	.56	T			2.36
SANDY BOOK LB STA		.05				.93	.03					T		T	.27	.21	.44			.11				.42			.09	.61				3.16
OCTOBER 1956																																
MILLVILLE	T				.37		.27											1.50	.31			.03	1.93				-				-	-
NOVEMBER 1956																																
BERLIN 1 W	.50	.35	.10												1.25	.30						.75										3.25
MILLVILLE		2.00	.02				T	.06	.05				.05	.06	T		.37		1.05	T			.53			.09	T					4.26

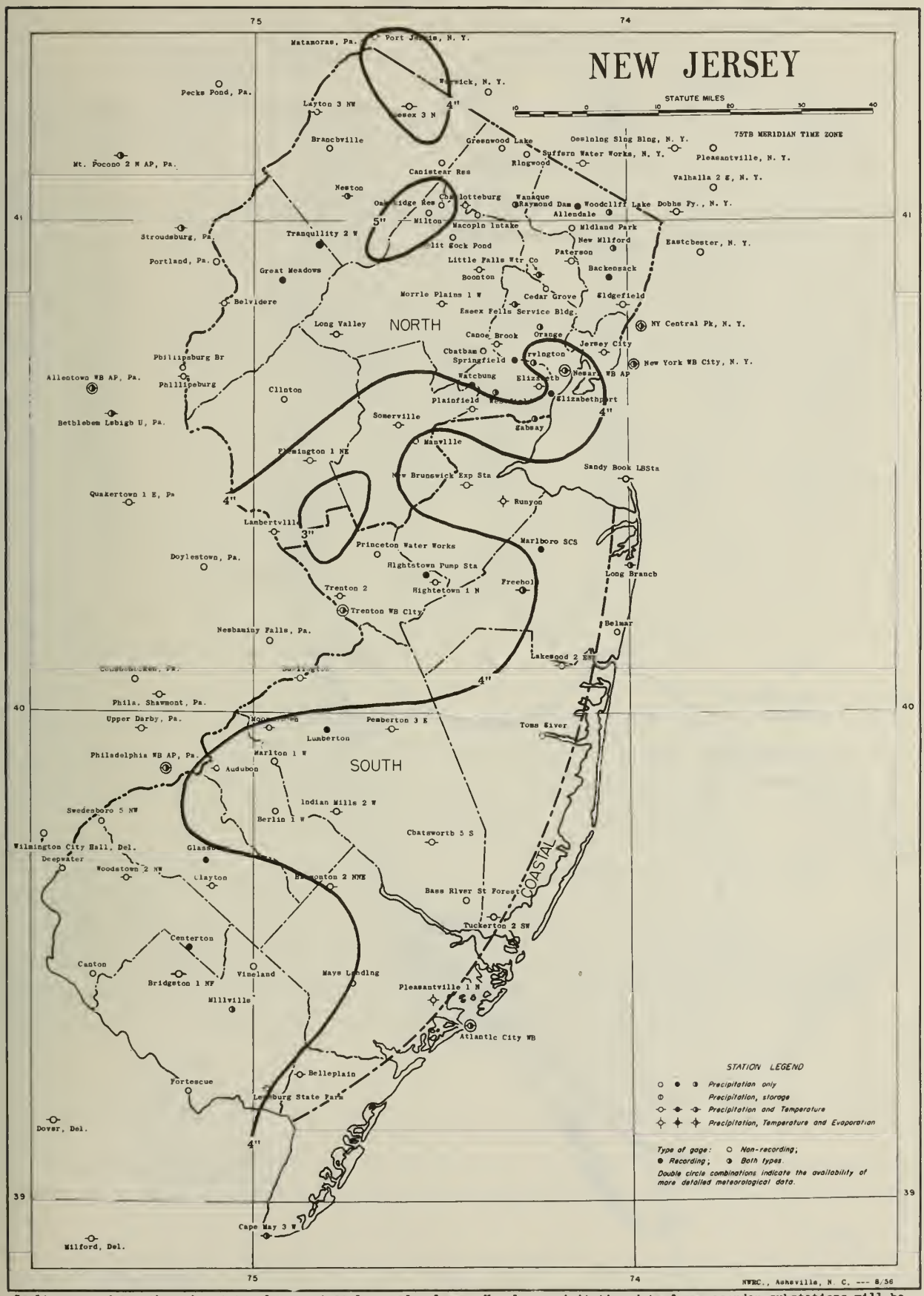
Table 5

DAILY TEMPERATURES

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SEPTEMBER 1956																																	
MILLVILLE	MAX	91	90	91	87	88	85	86	70	72	68	73		78	84	89		83	86	69	72	63	63		87	67	72	66	59	58			76.8
	MIN	72	75	65	64	63	68	64	51	46	42	50	61	65	66	82		60	51	40	57	37	41		57	47	50	52	52	53			58.0
SANDY HOOK LB STA	MAX	76	79	79	78	82	80	74	69	65	67	70	73	76	85	78	74	77	66	68	64	62	68	73	72	66	62	57	57	69	64		71.0
	MIN	72	70	68	71	68	71	66	59	56	56	58	65	65	68	56	59	66	56	60	56	44	48	59	60	57	52	52	54	52	56		60.0
OCTOBER 1956																																	
MILLVILLE	MAX	64	68	72	71	68			70	69	70		59	61		72	79	77	72	68	60		70	69	69	70	54	58		64	67		67.7
	MIN	48	41	52	54	56			43	46	38		31	40		37	43	49	59	44	39		50	62	55	44	46	48		47	55		47.0
NOVEMBER 1956																																	
MILLVILLE	MAX		71	75		69	64	69	68	58	45		58	68	54	65	70	72		48	52			66	32		48	49	48	43	51		58.4
	MIN		63	52		45	55	53	54	42	35		21		43	42	53	40		26	25			27	14		17	30	28	31	29		37.4

See reference notes following Station Index.

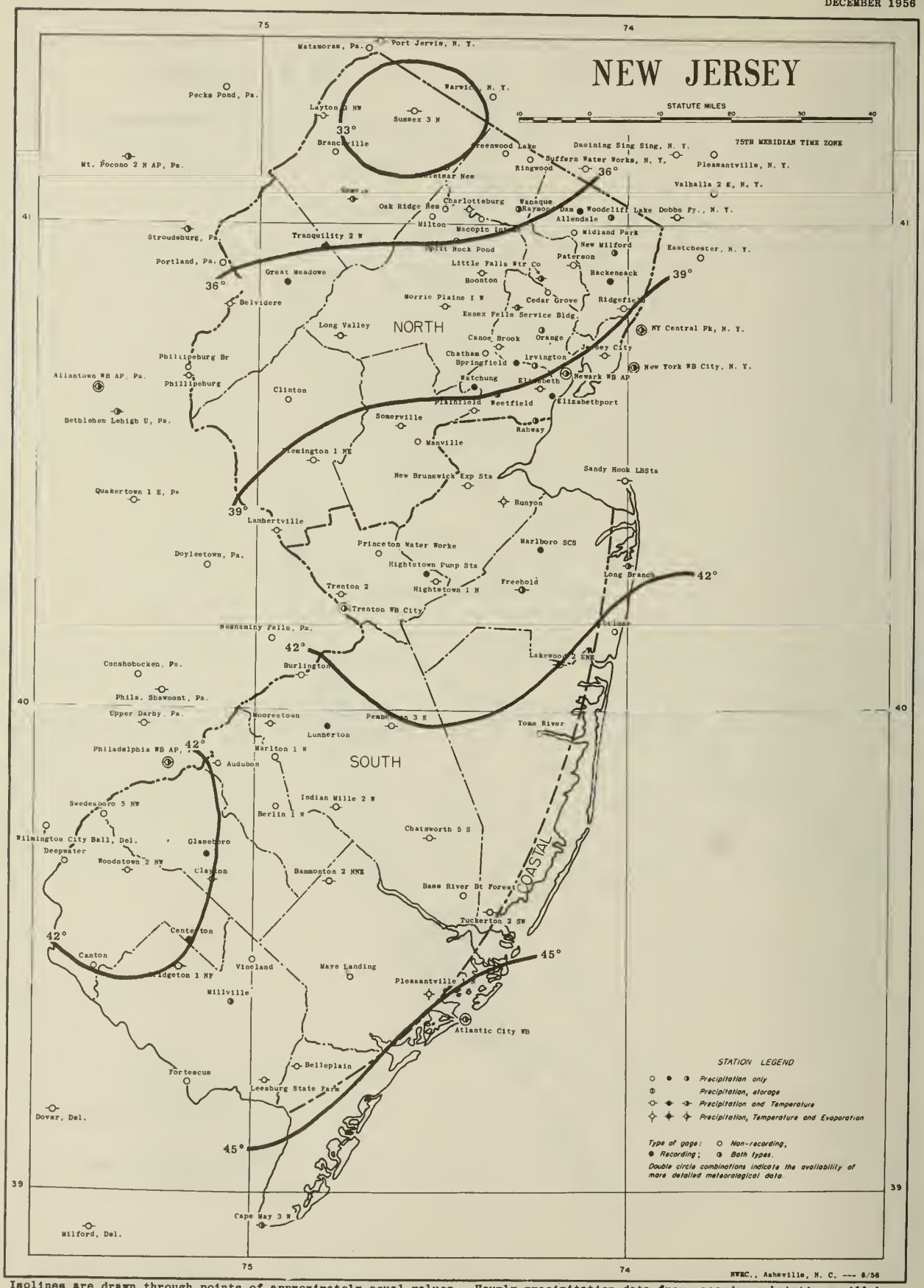
TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication 'Hourly Precipitation Data'.

AVERAGE TEMPERATURE

NEW JERSEY
DECEMBER 1956



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication 'Hourly Precipitation Data'.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MID	BERGEN COUNTY ENGS	C
#ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P	N.Y. FORESTRY SVC	3 7
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P	MRS. ED C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P	MISS C. S. MIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A	SAMUEL H. MC CULLEY	3
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A	HENRY H. MILLER	3
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WTR WKS	2 3 5 7
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A	ALBERT H. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	39 28	75 25	10		9A	GERTRUDE S. HILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	N.WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CEMTERTON	1512	SALEM	6	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P	WILLIAM S. MAINES	2 3 5
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	MARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID	E. I DUNT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A	JOHN LOPER	3
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. MUREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	550		MID	MICHAEL OZYOWSKI JR.	C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A	GEORGE T. WIGGINS	3
HACKENSACK	3572	BERGEM	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1000	8A	8A	N. J. DEPT. OF CONS.	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES W. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAM MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 EME	4627	OCEAN	1	40 06	74 11	54	MID	MID	GEORGE G. WADDILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5 7
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. M. DEPUE	2 3 5 7
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	8A	8A	LEESBURG STATE FARM	2 3 5
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A	PASSAIC VLY WTR COMM	2 3 5 7 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID	STORM WARN. OSPL STA	2 3 5 7 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MID	JAMES LANTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A	NEWARK WATER DEPT	3
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A	ROBERT G. GLASGOW	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P	DAVID GRISCOM	3
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P	ELMER EARLE	3 7
MIDLAND PARK	5503	BERGEN	8	40 59	74 09	210		MID	CORNELIUS HOWARD	3
MILLVILLE	5570	CUMBERLAND	6	39 24	75 03	60		MID	L. J. GALLAHER	3 7 C
MILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A	M. J. WILLARD	2 3 5 7
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTHUR M. AHLQUIST	2 3 5 7 G
NEW MILFORD	6166	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A	DAN A. COUGHLIN	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. DOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5 7
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P	G. R. PEARSON	2 3 5 7
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A	JOHN H. BERRYMAN	3
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID	PRINCETON WATER CO	3
RAHWAY	7393	UNION	9	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 7 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. MAYER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	–		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A	BRICE B. STANTON	2 3 5
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MID	M. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID	E. M. RISTOW	2 3 5
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8899	OCEAN	1	39 35	74 22	45	8A	8A	VERNON W. MUTT	2 3 5
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A	WATER SUPPLY COMM	3 7 C
WATCHUNG	9271	UNION	8	40 40	74 25	–		MID	DONNIE BURN SANA	C
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A	ROBERT M. MANNERS	3
WESTFIELD	9455	UNION	9	40 39	74 21	135		5P	TOWN ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	9910	SALEM	2	39 40	75 20	16	6P	8A	WOODROW W. HALTER	INAC 2/56
NEW STATIONS										
BOUND BROOK 1 W	4927	SOMERSET	10	40 33	74 33	20		8A	AMERICAN CYANAMID CO	3

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Offies near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Montbly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent samples published in Table 7 are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in the standard of time in local use.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- \- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5, is indicated by no entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.
- \+ And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- \# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- G In the "Refer to Tables" column in the Station Index the letter "G" indicates that soil temperatures are published.
- M One to nine days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.
- T Trace, an amount too small to measure.
- ▼ Includes total for previous month.

Information concerning the history of changes in location, elevations, exposure etc. of substations through 1955 may be found in the publication 'Substation History' for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, Annual for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC., Asheville, N. C. --- 2 8/57 --- 750

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

ANNUAL SUMMARY 1956
Volume LXI No. 13

THE LIBRARY OF THE
MAR 2 9 1957
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1957

WEATHER SUMMARY

GENERAL

In spite of an unusually cool spring and summer, the yields per acre of several crops reached record high levels during the year. Adequate precipitation was an important factor in this achievement. Snow and ice storms in March and December caused extremely great damages and many casualties. December was unusually warm, one of the warmest on record.

WEATHER EFFECTS

Farm work was severely limited by cold weather in January and by wet conditions in February and March. As a result, most field operations got off to a slow start in April, and all crops were about ten days to two weeks late due to a prolonged cold spell during the month. Conditions took a turn for the better during the first half of May, during which all crops made excellent progress favored by warm temperatures and well-spaced rains. Frost on May 17 brought heavy damage to cranberries in unprotected bogs, and considerable damage to blueberries and other crops. An exceptionally late frost on May 25 again caused extensive damage to unprotected cranberries and to blueberries, strawberries, snap beans, cucumbers, and tomatoes. Crops made a good but slow, comeback during the latter part of May and first third of June as nighttime temperatures remained cool. Warmer temperatures after the middle of June promoted excellent growth, but some irrigation was also required. Harvesting of blueberries, tomatoes, and corn and general field work were interrupted by frequent rains in July; crops made excellent growth during the month in spite of rather cool temperatures. Several rainless periods in August provided excellent opportunities for curing hay, and for harvest and cultivation operations. Late summer vegetables and fall crops made good growth. Lima beans, and green and red peppers moved in volume in August, and harvesting of broccoli, cauliflower, lettuce, and spinach commenced. In spite of somewhat deficient rainfall and cooler than usual temperatures in September, late season crops, particularly the hardy fall vegetables, made satisfactory progress. Frosts on September 10 and 20 damaged immature cranberries on unprotected bogs, and tender vegetables on the highlands, delaying the cranberry harvest and reducing the fresh vegetable movement. Ground preparation for winter grains made good headway. The harvesting of apples, peaches, and grapes progressed under favorable September weather. A long dry spell after the first week in October was very favorable for harvest operations. Frosts on October 10th-12th practically closed out the tender vegetable harvest, but movement of hardy varieties and root crops reached their peak. Plentiful moisture supplies and mild weather during the latter part of October enabled winter grains to get a good start. Harvesting of grain corn and soybeans was interrupted by wet weather at the beginning of November, and the harvest was completed in a warm December.

May frosts sharply reduced the crops of cranberries and blueberries, but had lesser effects on other New Jersey crops. The rest of the growing season was so unusually favorable that the over-all production increased strikingly over the 1955 figure. The yields of corn, wheat, soybeans for beans, all hay, potatoes, and sweet potatoes set new high records, and other crops registered near-record yields. Aside from blueberries and cranberries, only cucumbers made a sizable decline in yield from the previous year.

TEMPERATURE

An unusually cool spring and summer temperatures that tended toward the cool side vied with a very warm December as the outstanding temperature feature of the year. January was a little colder than usual, the result of about two weeks of chilly weather rather than unusually low temperatures. The tables were turned sharply in February, which was one of the warmest since 1885; the first half of the month was quite warm, but the rest of the month saw alternating cold and warm periods. After a week of warm weather in March, cold air dominated the rest of the month, and continued into the opening days of April. A few days in the first and last weeks of April were warm, but the rest of the month was cold, and resulted in one of the coldest Aprils since 1885. May was the third consecutive cold month, the result of nearly continuous chilly weather during the last half of the month, and featured freezing temperatures as late as the 25th. There was a welcome turn to warmer weather in June and maximum temperatures at two stations reached the 100° mark, the only such occurrence during the year. Cool and warm periods were of short duration so that temperature averages for June were only a little warmer than usual. After two warm days in July, the weather turned cool and remained so for almost the entire month; it was the coolest July since 1924. In August, temperatures alternated between cool and warm at weekly intervals, and included a markedly chilly period from the 20th to the 26th. September opened with a 6-day warm cycle, but the rest of the month was almost entirely cool or cold; frost and some freezing temperatures were reported on the 10th, and freezing temperatures were common on the 21st. Cool weather continued in the first 2 weeks of October, and returned at intervals later in the month, but most of the last half of the month was warm enough to raise monthly averages to near the usual levels. Periods of very warm weather in November overcame a very cold last week to result in average temperatures a little above the seasonal expectancies. Chilly weather occurred only infrequently in December; temperatures climbed into the 70's at the end of the first week, and the month became one of the warmest Decembers on record.

Runyon, with 35 days with maximum temperatures of 90° or higher, took top honors in that category, and shared with Hammonton 2 NNE the distinction of reporting the highest temperature of the year, 100°, occurring on June 14 at both locations. Layton 3 NW reported the greatest number of days with freezing minimum temperatures, 178, the greatest number of occurrences of temperatures 0° or below, 2, and the lowest temperature of the year, -5° on March 1. Charlotteburg reported the greatest number of cold days, with 24 days on which the temperature failed to rise above 32°.

PRECIPITATION

Annual precipitation totals closely approximated the usual figures throughout the State, although there was a tendency toward dryness in the north-central portion. Precipitation occurred at well-spaced intervals throughout the growing season.

January was rather dry until a 6-day wet cycle began on the 9th. The fourth week was dry, but a spell of wet weather extended from the closing days of the month through the first week in February. Frequent rains in February resulted in one of the wettest such months since 1885. March also was wet, particularly in the south portion where more of the precipitation occurred as rain. A drying tendency began in April and continued with greater intensity in May, as daily precipitation amounts became smaller rather than less frequent. The frequency of occurrence decreased a little in June, but daily amounts were greater, particularly in the south portion. Precipitation was frequent, and often heavy, in July. There was a turn to dryness in August, as 3-day wet cycles occurred at weekly intervals. Precipitation in September was considerably heavier in the north portion than elsewhere; the second week was quite dry, but the last half of the month was rainy. The dry period from October 8 to 17 was the longest of the year; precipitation was frequent and usually light during the month, but some heavy amounts during the last week boosted the monthly totals to respectable proportions. After opening with a 3-day rainy period, November was dry until the middle of the month when heavy rains were noted throughout the State. The first week in December was rather dry, but precipitation during the rest of the month was frequent and heavy.

Significant amounts of precipitation (0.10 inch or more) occurred most often at Milton, on 120 days. The honors for the greatest frequency of heavy daily amounts (1.00 inch or more) were shared by Clayton, Elizabeth, and Macopin Intake: 16 each. The greatest daily precipitation amount was 5.80 inches, reported on November 2 at Bridgeton 1 NE.

SNOWFALL

Heavy snowstorms in March and April, and a rather snowy January just about completed the snowfall picture for the year. Snowfall in February, November, and December was considerably less than usual, reflecting the mild temperatures that prevailed in those months. The heavy totals in March and April were the result of heavy falls on a few days, rather than more frequent, lighter amounts as in January. Of the stations for which complete annual snowfall totals could be obtained, the greatest was 55.3 inches at Oak Ridge Reservoir, but this was exceeded by several inches at Canistear Reservoir. The greatest depth on the ground was 26 inches measured at Oak Ridge Reservoir on March 20.

DESTRUCTIVE STORMS AND FLOODS

Severe weather features other than hurricanes were far more damaging and cost more casualties in 1956 than in the previous year. Snow and ice storms in March and December resulted in many highway and pedestrian accidents, with many casualties; damages were extremely great. Another severe snowstorm occurred in April, causing great damages, and minor damages resulted from frequent glazing conditions in January.

Seven persons lost their lives as a result of lightning strikes in May and September, and more than 6 were injured. Eight persons were injured by one of the 2 tornadoes that occurred on July 13. Several persons were injured in other windstorms in July and September.

The tornadoes and one other storm in May that may have been a tornado caused considerable damage in very small areas. A hailstorm on June 10 caused major crop damage. Heavy rains in July, August, and September caused major damages to roads, fields, residences, and business establishments, and the storm of September 6 resulted in flash floods of brief duration in the northeast. Considerable damage was done by other windstorms in February, April, and September, and by lightning in May, August, and September. The winds of hurricane Flossy during September 26 to 28, and another coastal storm in October resulted in heavy, pounding seas that did considerable damage to shore installations. Flash floods were reported in July and September, but no other flooding was noted during the year.

Details of each month's weather may be found in the monthly issues of this publication.

Harold S. Lippmann, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ATLANTIC CITY WB	33.2	- 2.6	39.2	3.8	40.0	- 1.5	47.1	- 2.3	56.0	- 3.1	68.8	.1	72.4	- 1.2	73.5	.4	66.3	- 2.0	58.9	.9	47.3	- .8	45.2	7.0	54.0	- .1
AUDUBON	32.3		37.8		39.2		50.0		60.8		71.9		73.8		74.3		65.3		57.5		46.5		42.1		54.3	
BELLEPLAIN	30.4		M		40.2		48.4		59.9		70.6		73.6		73.4		66.1		58.6		49.1		44.3			
BELVIDERE	29.3	- .8	34.0M	2.8	37.0	- 2.7	48.1	- 2.8	60.2	- 2.1	71.2	.4	70.5	- 5.0	72.7	.0	65.2M	- .8	56.5	1.6	43.6	.9	37.3	5.3	52.1	- .3
BOONTON 2 SE	30.2	1.1	32.7	3.4	33.9	- 3.8	45.3	- 3.4	55.7	- 3.6	68.0	.1	69.9	- 3.1	69.9	- .9	60.2	- 3.3	53.0	- .5	42.9	.7	36.4	4.8	49.8	- .8
BRIDGETON 1 NE	30.7		37.4		39.0		49.3M		58.6M		70.1M		73.7M		72.4M		M		57.4M		46.4M		42.0M			
BURLINGTON	32.1	- 2.5	37.3M	2.5	37.9	- 4.8	50.7	- 2.3	60.8	- 3.5	73.0	.2	74.7	- 2.6	75.3		66.1	- 2.7	58.6	.6	47.4	1.0	42.3	6.3	54.7	- .7
CANOE BROOK	30.3	1.2	33.0	3.7	34.5	- 3.4	44.8	- 3.5	56.8	- 2.1	69.0M	1.1	71.0	- 2.1	70.3	.8	62.2	- 1.9	53.3	- .6	44.3	1.6	37.3	6.0	50.6	.0
CAPE MAY 3 W	33.7M		39.4M		41.7		49.3		58.6		69.1		74.0		75.1		66.9M		60.4		49.7		46.3		55.3	
CHARLOTTEBURG	28.5	- .5	30.8	1.6	31.8	- 5.5	43.4	- 4.6	53.5	- 5.4	65.7	- 1.1	67.2	- 4.0	66.4	- 3.0	57.8	- 4.8	49.7	- 3.0	41.0	- 1.0	35.1	4.0	47.6	- 2.3
CHATSWORTH 5 S					39.6M																46.5M		42.7M			
CLAYTON	31.8		38.0		39.7		49.7		61.2		71.3		73.1		72.4		64.8		57.4		47.5		42.7		54.2	
ELIZABETH	32.9	- .2	36.7	3.5	36.6M	- 4.8	47.9	- 3.8	59.6	- 2.7	71.3	.3	72.9	- 3.1	73.6	- .6	64.7	- 2.5	57.8	1.0	46.6	1.2	39.9	5.1	53.4	- .5
ESSEX FELLS SERV BLDG	29.1		32.7		35.5		45.6		56.7		70.4		71.4		70.2		61.7		55.0		43.2		37.9		50.8	
FLEMINGTON 1 NE	30.6	- 1.3	34.4	2.1	35.0	- 5.8	46.9	- 4.2	57.9	- 4.2	69.8	- 1.0	71.1	- 4.6	71.7	- 1.9	62.4	- 4.4	54.4	- 1.7	43.6	- .8	38.7	5.2	51.3	- 2.0
FREEHOLD	30.9	- 2.1	36.4	3.6	37.3	- 3.1	47.6	- 2.9	59.5	- 2.2	70.8	.5	72.4	- 2.7	72.6	- .5	64.6	- 1.8	56.7	.6	46.3	1.1	40.6	5.9	53.0	- .3
HAMMONTON 2 NNE	31.8	- 2.9	38.0	3.6	39.5	- 2.9	49.6	- 2.4	58.2M	- 4.6	73.5	2.0	73.6M	- 2.6	73.6		65.6	- 2.0	55.9	.6	47.1	4.0	42.6	6.5	54.1	- .1
HIGH POINT PARK																					M		31.8			
HIGHTSTOWN 1 N	31.1M	- 1.6	36.3	3.6	37.1	- 3.6	47.9	- 2.7	58.9	- 2.5	70.6	.8	71.5	- 3.5	72.1		63.9	- 2.2	56.2	.2	46.1	1.1	40.7	6.4	52.7	- .4
INDIAN MILLS 2 W	30.7	- 3.1	36.2	2.4	37.7	- 3.6	47.6	- 3.6	59.5	- 2.6	70.2	- .1	72.3	- 2.6	72.2	- .7	63.9	- 3.1	55.7	- .4	45.5	.2	41.1	6.1	52.7	- .9
JERSEY CITY	31.5	- 1.4	35.3	2.6	36.5	- 3.8	46.8	- 3.6	57.1	- 4.3	70.2	- .1	71.9	- 3.8	72.7		62.8	- 4.2	56.0	- 1.0	45.5	1.6	39.3	5.7	52.2	- 1.1
LAKEWOOD 2 ENE	30.8	- 2.9	35.6	2.2	36.5	- 4.3	45.9	- 4.7	56.9	- 4.5	68.4	- 1.5	71.3	- 3.4	71.1	- 1.4	62.8	- 3.0	54.6	- .9	44.2	- .9				
LAMBERTVILLE	31.6	- .2	35.6	3.3	36.9	- 3.3	48.1	- 2.6	59.5	- 2.1	70.8	.8	72.2	- 2.7	72.5		63.7	- 2.3	55.7	.1	45.2	1.0	39.9	6.2	52.6	- .2
LAYTON 3 NW	26.1	- .9	30.6	4.2	31.6	- 4.7	43.9	- 3.5	55.3	- 3.1	68.1	.8	68.1	- 3.7	68.6	- 1.1	59.4M	- 2.7	51.4	- .3	39.8	- .2	33.3	4.5	48.0	- .9
LEESBURG STATE FARM	31.2		38.5		39.2		47.9		57.9		70.0		72.8		72.2		64.6		57.0		47.1		43.6M		53.5	
LITTLE FALLS 1 E	31.8	.5	35.3	3.8	36.4	- 3.3	47.6	- 2.8	57.9	- 3.4	70.6	.9	71.7	- 3.2	71.6	- 1.2	63.4	- 2.3	54.7	- .9	45.0	.7	38.6	5.0	52.1	- .5
LONG BRANCH	31.4	- 1.9	36.1	3.2	37.0	- 3.2	46.2	- 3.3	57.3	- 2.5	69.2	.0	71.9	- 2.7	72.2	- .6	62.9	- 3.2	56.6	.4	46.4	.9	41.7	6.5	52.4	- .5
LONG VALLEY	29.2		32.7		33.9		45.4		56.3		67.8		69.3		69.5		60.8		54.5		42.8		36.9		49.9	
MILLVILLE CAA AIRPORT	31.0		37.5		38.9		49.0		59.3		71.3				73.2M		66.4M		57.3M		47.9M		44.5M			
MOORESTOWN	31.5	- 1.7	36.7	3.5	37.6	- 3.5	48.8	- 2.2	59.3	- 2.4	70.7	.5	72.5	- 2.7	73.0	- .1	64.1	- 2.2	56.2	.3	45.3	.5	41.4	6.6	53.1	- .3
MORRIS PLAINS	30.6		34.1		35.4		46.9		57.7		69.7		70.4		70.8		61.3		54.5		43.6		37.5		51.0	
NEWARK WB AIRPORT	32.0	.5	36.0	4.3	36.9	- 3.6	47.8	- 2.2	58.9	- 2.2	71.9	1.4	73.1	- 2.2	73.7	.6	64.0	- 2.8	57.2	1.6	46.1	1.2	39.9	5.9	53.1	.2
NEW BRUNSWICK EXP STA	31.8	- .8	36.7	4.1	37.6	- 3.0	48.1	- 2.7	59.2	- 2.5	70.7	.7	72.1	- 3.0	72.8	- .3	63.0	- 2.8	56.4	.2	45.7	.7	40.1	5.9	52.9	- .3
NEWTON	27.1	- .8	30.9	2.8	32.3	- 4.6	44.5	- 3.7	55.4	- 4.0	67.4	- .1	68.7	- 3.8	68.5		59.1	- 4.0	51.0	- 1.9	40.1	- 1.0	34.0	4.1	48.2	- 1.6
PATERSON	32.6M	.7	35.3	3.3	36.4	- 3.5	48.3	- 2.6	59.5	- 2.6	71.6	.9	73.1	- 2.8	73.0	- .6	63.6	- 2.8	56.4	.1	46.0	1.2	39.6	5.5	53.0	- .2
PEMBERTON 3 E	31.3	- 3.1	36.5	2.3	38.5	- 3.8	48.4	- 3.7	59.0	- 4.0	70.5	- .7	72.4	- 3.3	72.3	- 1.7	64.8	- 2.7	56.9	- .1	47.2	1.1	42.2	6.5	53.4	- 1.0
PHILLIPSBURG	31.8	1.4	37.0	6.1	38.0	- 1.3	48.4	- 1.8	59.8	- 1.6	71.3	1.5	71.1	- 3.3	72.6	.3	65.1M	- .1	M		45.4	2.5	39.0	6.5		
PLAINFIELD	32.1	- .1	35.6	3.2	36.5	- 3.7	47.4	- 3.3	58.8	- 2.5	70.3	.4	71.8	- 3.3	72.0	- 1.1	63.5	- 2.6	56.4	.5	45.1	.5	39.2	5.1	52.4	- .6
PLEASANTVILLE 1 N	30.2M	- 4.0	36.2	2.4	37.9	- 2.9	46.0	- 4.0	56.5	- 3.9	69.3M	- .1	73.4M	- 1.0	72.5	- .4	64.7	- 1.8	57.1M	.5	46.3	.9	41.5	6.0	52.6	- .7
RIDGEFIELD	31.8	.6	35.5	4.2	36.3	- 3.4	48.0	- 2.2	59.2	- 1.9	71.1	1.1	72.1	- 3.1	72.5	- .5	63.4	- 2.6	56.2	.6	44.3	.1	38.5	5.0	52.4	- .2
RUNYON	32.0	1.2	35.4	4.4	35.8	- 3.5	47.8	- 1.3	59.9	- .4	72.0	2.7	72.9	- 1.6	72.3	- .2	63.9	- 1.2	54.8	.2	44.9	2.0	39.1	7.6	52.6	.7
SANDY HOOK LBSTA	33.0	- .6	37.0	4.0	38.0	- 2.0	46.8	- 2.8	55.9M	- 4.3	70.7	1.0	73.3	- 2.1	73.9	- .2	65.5	- 2.4	57.9	- .1			41.5	5.4		
SOMERVILLE	31.7	.2	34.7	2.8	36.3	- 3.7	47.4	- 2.9	59.0	- 2.2	70.5	.7	71.6	- 3.1	72.0	- .8	63.0	- 3.0	56.1	.6	44.8	1.0	39.2	6.0	52.2	- .4
SUSSEX 3 N	27.9	- .3	32.0	2.9	32.4	- 5.5	45.4	- 3.9	56.3	- 4.1	68.4	- .5	69.1	- 4.3	69.6	- 1.6	59.8	- 4.0	53.1	- .5	40.1	- 2.0	32.9	2.3	48.9	- 1.8
TRENTON 2	31.5		36.1		37.4		48.8		59.6		72.0		73.1		73.6		64.9		57.1		46.0		M			
TRENTON WB CITY	32.1	- .5	37.0	4.3	38.0	- 3.3	49.2	- 1.5	59.1	- 2.7	71.7	.9	72.7	- 2.6	73.9	.7	64.3	- 2.7	57.2	1.1	46.1	.5	41.2	6.2	53.6	.1
WOODSTOWN 2 NW	31.6																									

See Reference Notes Following Station Index

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ATLANTIC CITY WB	2.87	- .91	3.58	.23	4.40	.87	2.71	- .69	2.36	- .62	4.12	1.13	4.79	1.01	3.25	-1.47	3.03	- .48	5.88	2.67	2.44	- .88	4.15	.84	43.58	1.70
AUDUBON	2.72		4.95		3.69		2.16		3.62		7.07		5.86		2.68		3.14		4.50		5.39		4.21		49.99	
BASS RIVER ST FOREST	2.90		4.36		4.92		4.12		2.30		4.38		6.37		7.88		3.61		5.60		3.23		4.79		54.46	
BELLEPLAIN	E 3.33	- .29	4.52	1.52E	5.19	.88	1.81	-1.75	3.07	-1.01	8.86	6.43	7.96	3.78	2.20	-3.68	4.66	.62	9.03	5.39	2.01	-2.17	5.18	1.65	E57.82	11.37
BELMAR	3.87		1.45		1.97		3.65		2.17		3.87		4.67		3.07		4.92		5.40		4.52		4.95		44.51	
BELVIDERE	1.63	-2.15	5.32	2.29	4.18	- .06	4.05	.11	3.07	-1.16	8.28	3.88	7.39	2.02	4.04	-1.12	3.83	.10	3.36	- .05	2.48	-1.55	5.33	1.69	52.96	4.00
BERLIN 1 W	2.66		5.36		5.59		2.70		E 2.64		5.87		7.16		2.61		3.40		5.88		3.25		4.40		E51.52	
BLACKWELLS MILLS	-		-		-		-		-		-		-		-		-		-		4.23		4.14		-	
BODNTON 2 SE	1.45	-1.84	4.34	1.77	3.69	- .32	3.30	- .40	2.48	-1.87	3.80	- .26	5.13	.93	4.24	- .72	6.03	1.75	2.26	- .96	4.36	.24	4.21	.97	45.29	- .71
BOUND BROOK 1 W	-		-		-		-		-		-		-		-		-		-		-		-		-	
BRANCHVILLE	2.03		E 4.23		3.47		5.05		2.79		4.85		5.65		E 3.28		4.64		2.10		2.52		4.41		E45.02	
BRIDGETON 1 NE	2.01		3.65		4.35		2.28		2.22		3.67		8.39		3.27		1.23		5.33		8.14		3.81		48.35	
BURLINGTON	2.15	-1.20	5.43	2.69	3.93	- .58	3.18	- .24	2.08	-2.00	5.67	1.94	4.97	.73	3.53	-1.06	2.94	- .79	4.50	1.18	3.51	- .23	3.61	.67	45.50	1.11
CANISTEAR RESERVOIR	1.93		4.08		4.84		6.29		3.09		3.10		8.70		3.52		5.01		1.92		2.88		4.91		50.27	
CAPE BRDDK	1.23	-2.58	5.26	2.44	6.30	1.94	3.22	- .64	2.26	-2.27	3.76	- .45	6.03	1.41	3.67	-1.75	4.04	- .35	3.02	- .22	4.10	- .13	4.58	1.06	47.47	- 1.54
CANTON	1.78		3.60		3.69		1.87		2.17		2.58		6.72		3.91		2.38		5.38		6.03		3.87		43.98	
CAPE MAY 3 W	4.07		3.21		4.47		2.30		2.61		4.73		8.55		2.30		3.60		6.95		2.30		E 4.41		E49.50	
CEDAR GRDVE	E 2.07		4.21		3.32		2.27		3.30		5.66		5.92		4.41		5.02		2.58		6.37		5.42		E50.55	
CHARLOTTEBURG	1.90	-1.89	4.44	1.42	4.24	- .35	3.77	- .32	3.02	-1.39	3.33	-1.16	6.15	1.42	3.90	-1.08	4.46	.06	2.21	-1.56	3.61	-1.08	4.60	.65	45.63	- 5.28
CHATHAM	1.99	-1.88	4.83	1.76	5.11	.54	3.35	- .64	2.35	-2.08	3.41	- .81	5.73	1.17	3.42	-2.11	4.59	.12	2.80	- .43	4.21	- .10	4.32	.53	46.11	- 3.93
CHATSWORTH 5 S	-		-		5.32		2.98		-		-		-		-		-		-		2.75		4.77		-	
CLAYTON	4.56		8.69		7.56		2.93		2.67		4.80		6.89		3.90		4.11		4.57		5.89		3.12		59.69	
CLINTON	1.56		5.19		4.82		3.62		3.74		5.93		5.08		3.31		4.58		2.39		3.42		4.67		48.31	
DEEPWATER	E 1.31		1.64		E 4.92		2.79		1.26		2.51		5.91		3.12		3.12		3.52		5.20		3.00		E38.30	
ELIZABETH	1.98	-2.17	6.65	3.59	7.66	3.19	3.43	- .43	2.19	-2.15	4.29	.38	4.80	.42	3.36	-1.65	2.81	-1.53	5.04	1.73	4.89	.97	4.24	.82	51.34	3.17
ELIZABETHPDRT	1.83		4.84		4.33		3.34		2.00		4.40		4.63		3.65		2.13		3.81		3.55		3.82		42.33	
ESSEX FELLS SERV BLDG	2.10		4.00		5.20		2.91		2.58		3.07		5.02		5.00		4.10		1.70		4.88		3.80		44.36	
FLEMINGTON 1 NE	1.88	-1.48	4.77	2.14	4.63	.50	4.05	.40	2.38	-1.96	3.90	- .02	3.60	- .78	3.18	-2.15	3.99	.50	3.67	.49	3.79	.03	3.78	.43	43.62	- 1.90
FORTESCUE	-		-		-		-		-		-		-		-		-		-		-		-		-	
FREEHOLD	2.69	- .95	6.03	3.08	4.26	.06	3.15	- .41	2.77	-1.36	3.61	- .12	5.45	1.43	2.89	-2.11	3.15	- .72	4.55	1.03	3.35	- .71	E 3.95	.57	43.85	- .21
GREENWOOD LAKE	1.96		4.36		4.08		6.08		3.22		3.16		7.87		2.90		5.07		1.40		3.99		5.03		49.12	
HAMMONTON 2 NNE	2.30	-1.39	5.29	2.23	4.45	.15	3.08	- .59	1.99	-2.16	6.42	2.38	6.13	1.94	2.85	-3.10	3.46	- .03	4.89	1.22	4.93	1.16	3.92	.80	49.71	2.61
HIGH POINT PARK	-		-		-		-		-		-		-		-		-		-		-		4.00		-	
HIGHTSTOWN 1 N	2.37	- .91	4.62	2.03	4.16	.26	2.58	- .72	2.72	-1.12	2.98	-1.02	4.36	.11	3.15	-1.62	3.17	- .94	3.26	- .01	3.06	- .41	3.41	.49	39.84	- 3.86
INDIAN MILLS 2 W	2.85	- .87	4.88	1.96	4.88	.64	2.60	- .86	1.63	-2.47	4.76	.71	7.65	3.81	3.16	-2.45	2.96	- .49	5.63	2.28	3.53	- .27	4.33	1.21	48.86	3.20
IRVINGTON	1.54		4.98		5.74		2.98		2.29		3.46		5.57		3.55		2.47		4.37		3.21		3.71		43.87	
JERSEY CITY	1.94	-1.53	3.49	.73	6.62	2.62	3.33	- .12	2.37	-1.58	2.83	- .69	3.81	- .15	3.95	- .55	2.43	-1.43	3.76	.78	4.01	.60	4.35	1.17	42.89	- .15
LAKEWOOD 2 ENE	2.51	-1.34	6.52	3.42	4.25	- .02	3.93	.21	2.32	-1.84	4.06	.55	7.22	3.42	3.82	-1.32	3.62	- .12	5.03	1.12	3.52	- .69	3.84	.55	E50.64	3.94
LAMBERTVILLE	2.39	-1.05	4.77	2.18	5.49	1.38	3.04	- .55	2.74	-1.63	5.27	1.32	4.15	- .32	2.86	-2.52	3.70	.41	2.91	- .08	4.00	.22	3.67	.52	44.99	- .12
LAYTON 3 NW	1.70	-1.21	4.83	2.55	4.06	.58	5.19	1.42	2.97	-1.14	3.51	- .70	6.64	1.73	3.36	-1.19	7.52	3.77	1.68	-1.69	2.31	-1.52	4.83	2.09	48.60	4.69
LEESBURG STATE FARM	2.89		3.84		4.54		2.62		2.99		6.37		5.75		3.53		3.23		5.99		3.04		3.91		48.70	
LITTLE FALLS 1 E	1.95	-1.80	4.41	1.48	4.30	- .10	3.19	-1.05	2.15	-2.43	4.60	.15	5.19	.69	4.28	- .99	4.62	.02	2.39	-1.10	4.74	.34	4.16	.38	45.98	- 4.41
LONG BRANCH	2.32	-1.61	6.71	3.34	4.73	.44	3.78	.24	3.68	.04	2.96	- .63	4.42	.33	2.64	-2.73	2.69	-1.32	5.92	2.42	2.25	-1.69	4.35	.81	46.45	- .36
LONG VALLEY	E 2.15	-1.46	4.38	1.52E	6.08	1.73E	3.81	.00	3.00	-1.30	3.88	- .41	6.63	1.49	3.78	-1.53	5.66	1.77	3.49	.05	3.12	-1.24	4.63	1.07	E50.61	1.69
MACDPIN INTAKE	1.61		4.39		3.88		3.68		3.53		4.67		7.25		4.21		5.12		2.28		4.21		4.22		49.05	
MAHWAH	-		-		-		-		-		-		-		-		-		-		6.46		4.07		-	
MANVILLE	2.21		5.62		E 6.48		4.02		2.30		2.96		5.64		3.82		2.52		3.57		3.57		4.83		E47.54	
MARLTON 1 W	2.75		5.47		4.79		3.37		2.23		5.18		7.32		2.69		2.88		4.16		4.92		4.81		50.57	
MAYS LANDING	2.50		4.11		4.46		2.59		2.22		5.00		5.47		4.17		3.20		4.76		2.40		2.63		43.51	
MIDLAND PARK	2.05		4.40		4.76		3.71		2.28		3.53		6.20		2.79		3.55		2.96		5.24		5.18		46.65	
MILLVILLE	2.22		3.74		3.90		2.35		2.74		4.78		5.26		4.26		2.68		5.04		4.08		3.64		44.69	
MILLVILLE CAA AIRPDRT	2.98		4.13		4.84		2.91		2.33		4.51		E 6.87		3.95		2.38		E 6.53		4.28		3.84		E49.55	
MILTON	2.64		4.80		5.16		4.51		4.12		4.16		8.28		4.13		5.44		3.14		3.65		5.51		55.54	
MOORESTOWN	2.62	- .61	5.27	2.70	4.69	.82	2.98	- .49	2.44	-1.89	4.83	1.19	5.39	1.41	2.90	-2.03	2.57	-1.10	3.39	.39	4.81	1.17	4.43	1.68	46.32	3.24
MORRIS PLAINS	1.87		4.72		4.00		4.21		2.26		2.63		5.21		4.93		6.27		4.07		3.49		4.18		47.84	
NEWARK WB AIRPORT	1.50	-2.10	4.47	1.26	6.29	2.51	3.04	- .23	2.45	-1.28	3.31	- .49	4.99	.79	3.08	-1.11	2.10	-1.79	3.83	.63	3.98	.88	3.22	.12	42.26	- .81
NEW BRUNSWICK EXP STA	2.22	-1.16	5.09	2.49	3.31	- .55	3.23	- .11	2.84	-1.15	3.15	- .68	3.93	- .32	4.67	- .11	3.19	-1.00	3.50	.38	4.33	.70	4.12	1.06	43.58	- .45
NEW MILFORD	2.21	-1.31	4.34	1.63	3.74	- .39	3.06	- .73	2.36	-1.72	3.52	- .38	4.46	.08	2.50	-1.99	3.46	- .37	2.94	- .16	3.30	- .43	4.54	1.13	40.43	- 4.64
NEWTON	1.73	-1.37	4.21	1.70	3.40	- .18	5.09	1.49	3.11	-1.13	3.96	- .51	10.67	5.99	2.97	-1.69	4.01	.15	2.30	-1.13	2.64	-1.10	4.43	1.30	48.52	3.52
OAK RIDGE RESERVOIR	E 2.22		4.44		5.38		5.03		3.13		3.95		7.88		4.32		5.64		2.73		3.91		5.17		53.80	
OLDWICK	-		-		-		-		-		-		-		-		-		-		3.83		4.42		-	
ORANGE	1.76		4.64		4.86		3.92		2.55		2.95		5.12		3.32		4.74		4.41		4.18		4.50		46.95	
PATERSON	1.43	-2.25	6.36	3.46	5.32	.86	4.49	.53	2.58	-1.90	4.03	- .32	5.57	.99	2.83	-2.21	4.42	.23	1.84	-1.42	6.12	2.06	4.86	1.18	49.85	1.21
PEMBERTON 3 E	3.23	- .09	5.79	3.17	4.92	1.19	3.17	- .27	2.62	-1.36	2.94	- .95	8.18	3.83	3.98	- .95	3.62	- .07	5.06	1.84	3.33	- .23	4.41	1.50	51.25	7.61
PHILLIPSBURG	2.11	-1.76	5.85	2.85	5.69	1.45	3.90	.00	4.11	- .19	6.86	2.47	5.28	- .36	3.32	-1.99	3.37	- .65	3.42	- .07	3.81	.05	6.34	2.77	54.06	4.57
PHILLIPSBURG BRIDGE	E 1.56		E 5.45		E 3.88		3.15		3.95		8.42		3.61		3.82		3.02		3.19		3.87		4.58		E48.50	
PLAINFIELD	2.25	-1.43	5.16	2.32	6.05	1.76	4.00	.25	2.48	-1.90	2.89	-1.68	5.52	1.03	3.66	-1.74	2.66	-1.85	3.58	.26	3.78	- .14	3.96	.53	45.99	- 2.59
PLEASANTVILLE 1 N	2.50	-1.39	3.84	.59	5.32	1.06	2.60	- .99	3.42	- .12	4.50	1.36	4.89	1.03	3.71	-2.12	1.72	-1.76	5.52	2.11	3.61	- .75	4.42	.84	46.05	- .14
PRINCETON WATER WORKS	2.53		4.57		5.59		2.63		2.89		2.79		3.20		3.29		2.80		2.92		3.38		3.69		40.28	
RAHWAY	1.80		4.58		E 4.71		3.06		1.89		4.45		4.48		3.67		2.15		3.07		3.77		3.98		E41.61	
RIDGEFIELD	2.17	-1.55	4.09	1.20	6.05	1.54	3.46	- .20	2.89	-1.38	4.19	.43	4.78	.46	3.61	-1.12	4.45	.29	3.78	.42	3.40	- .54	E 4.59	.99	47.46	.54
RINGWOOD	2.06		3.98		3.89		5.43		2.94		3.16		6.42		3.02		5.51		1.37		3.37		E 4.85		E46.00	
RUNYON	2.98	- .68	5.32	2.45	6.05	1.80	3.38	- .18	3.08	- .66	4.06	.21	4.43	.18	3.46	- .95	2.56	-1.61	3.09	- .28	4.03	.20	4.24	.90	46.68	1.38
SANDY HOOK LBSTA	2.04	-1.18	5.56	3.06	3.81	.18	2.62	- .35	E 2.90	- .71	3.50	.38	2.47	-1.09	4.88	.33	3.16	- .47	6.04	3.17	E 3.07	- .31	4.45	1.38	E44.50	4.39
SOMERVILLE	1.87	-1.48	4.76	2.12	4.62	.54	3.13	- .41	2.17	-1.95	3.96	- .04	4.53	.09	3.08	-2.33	2.91	- .53	3.19	- .09	3.07	- .68	3.93	.70	41.22	- 4.06
SPLIT ROCK POND	1.58		4.23		3.60		3.44		2.66		4.28		7.38		4.84		5.79		2.75		3.99		4.47		49.01	
SUSSEX 3 N	1.75	-1.75	3.65	.91	2.31	-1.32	4.78	1.04	3.24	- .72	3.84	- .36	6.76	1.69	2.61	-2.26	4.00	.34	1.96	-1.24	2.64	-1.36	3.77	.35	41.31	- 4.68
SWEDESBORO 5 NW	1.84		4.33		3.52		3.31		2.27		3.09		6.43		2.77		3.26		3.32		6.07		3.67		43.88	
TOMS RIVER	2.87		5.54		4.99		3.95		2.29		3.91		4.24		2.47		3.85		4.87		E 3.52		4.23		E46.73	
TRENTON 2	3.28	- .47	5.23	2.37	6.77	2.36	3.55	- .18	3.61	- .73	4.46	.21	3.97	- .75	3.92	-1.67	3.08	-1.15	3.38	.13	3.71	- .09	3.68	.39	48.64	.42
TRENTON WB CITY	2.43	- .73	4.81	2.06	5.54	2.34	2.72	- .28	2.93	- .55	5.01	1.14	3.51	- .55	3.73	- .86	2.24	-1.51	4.22	1.57	3.29	.43	3.22	.44	43.65	3.50
VINELAND	2.72		4.09		4.57		2.54		2.75		4.40		7.20		2.93		3.40		3.55		4.36		3.68		46.19	
WANAQUE RAYMOND DAM	1.93		4.28		4.17		3.75		3.04		3.29		6.33		2.60		4.32		1.08		3.93		4.19		42.91	
WERTSVILLE	-		-		-		-		-		-		-		-		-		-		3.62		2.86		-	
WESTFIELD	2.02		4.96		4.16		3.82		2.62		3.70		5.55		4.12		2.89		3.32		3.39		4.11		44.66	
WOODCLIFF LAKE	2.06	-1.55	4.23	1.48	3.79	- .43	3.56	- .35	2.36	-1.85	3.32	- .36	5.74	1.40	2.76	-1.91	3.76	- .22	3.00	- .10	3.26	- .65	4.14	.62	41.98	- 3.92
WOODSTOWN 2 NW	E 3.31		-		-		-		-		-		-		-		-		-		-		-		-	

See Reference Notes Following Station Index

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
ATLANTIC CITY WB	95	6-13	15	2-22	2-22	15	2-22	15	3-25	23	3-25	23	4- 1	31	11-11	31	11-23	25	11-24	21	None		None		-	-	244	243	224
AUDUBON	96	6-14	15	1- 1	2-22	16	2-24	18	3-25	21	3-25	21	4-25	29	10-11	32	11-11	22	11-11	22	11-25	20	None		-	275	231	231	189
BELLEPLAIN	96	6-14	5	1-28	3-25	15	3-25	15	3-31	22	4-21	26	5-25	30	10-11	30	11-11	17	11-11	17	11-11	17	11-24	15	244	231	225	204	139
BELVIDERE	98	6-14	6	1- 2	3-22	13	3-25	17	3-28	21	4-25	27	5-25	31	10-11	28	10-11	28	11-11	19	11-11	19	11-25	16	248	231	228	169	139
BOONTON 2 SE	95	6-15	5	1- 2	3-25	16	3-28	19	3-28	19	4-25	17	5-25	30	10-11	27	10-11	27	11-11	17	11-11	17	11-24	18	244	228	228	169	139
BRIDGETON 1 NE	95	6-15+	11	1-28	3-20	16	3-21	20	3-25	22	3-26	25	4-25	31	-		11-11	20	11-11	20	11-11	20	11-24	16	249	235	231	230	-
BURLINGTON	98	6-14	10	1-22	3-22	11	3-25	20	3-25	20	3-28	27	4-25	32	11-11	23	11-11	23	11-11	23	11-25	20	None		-	245	231	228	200
CANOE BROOK	97	6-15	3	1- 2+	3-25	11	3-28	18	4-25	22	5-25	27	5-25	27	9-21	31	10-11	26	11-11	16	11-11	16	11-11	18	231	228	200	139	119
CAPE MAY 3 W	92	8-19	20	1- 9	None		1- 9	20	3- 1	22	3-25	25	3-27	31	11-11	28	11-11	28	12-19	24	None		None		-	-	293	231	229
CHARLOTTEBURG	94	6-15	1	1- 2+	3-26	15	4- 2	20	5- 9	24	5-25	27	5-26	32	9-10	31	10- 6	28	10-11	23	11-11	17	11-24	13	243	223	155	134	107
CHATSWORTH 5 S	-	-	-	-	3-22	15	3-25	20	3-25	20	4-21	27	4-25	30	11-11	18	11-11	18	11-11	18	11-11	18	11-24	13	247	231	231	204	200
CLAYTON	98	6-15	14	1-24	1-27	16	3-22	20	3-25	23	3-25	23	4-25	30	11-11	24	11-11	24	11-11	24	11-24	17	None		-	247	231	231	200
ELIZABETH	99	6-14	11	3-20	3-22	16	3-25	17	3-28	24	4-25	26	5- 9	32	10-11	32	11-11	28	11-24	16	11-24	16	11-24	16	247	244	241	200	155
ESSEX FELLS SERV BLDG	97	6-15	5	1- 2	3- 2	15	3-25	20	3-25	20	4-25	25	5-25	29	9-21	32	10-11	27	11-11	18	11-11	18	11-24	15	267	231	231	169	119
FLEMINGTON 1 NE	96	6-14	- 3	3-21	3-25	13	3-28	20	4-25	21	5- 9	27	5-25	29	9-21	31	10-10	28	11-11	15	11-11	15	11-11	15	231	228	200	154	119
FREEHOLD	97	6-14	10	1- 2	3-21	15	3-25	18	3-28	23	4-21	28	4-25	29	10-11	30	11-11	20	11-11	20	11-11	20	11-24	16	248	231	228	204	189
BAMMONTON 2 NNE	100	6-14	12	2-22+	3-20	15	3-22	19	3-25	21	4-21	28	5- 2	32	11-11	27	11-11	27	11-24	16	11-24	16	11-24	18	249	247	244	204	193
BIGB POINT PARK	-	-	-	-	-		-		-		-		-		-		-		-		-		-		-	-	-	-	-
HIGBTSTOWN 1 N	97	6-14	10	1- 2	3-21	13	3-25	19	3-25	19	4-21	28	5-25	31	10-11	30	11-11	19	11-11	19	11-11	19	12-31	15	285	231	231	204	139
INDIAN MILLS 2 W	99	6-14	6	1-28	3-22	14	3-25	20	4-25	24	5-25	28	5-25	28	9-21	31	10-11	28	11-11	15	11-11	15	11-11	15	234	231	200	139	119
JERSEY CITY	97	6-14	11	1- 2	2-22	15	3-25	18	3-25	18	3-28	26	4-27	32	11-10	30	11-11	28	11-23	24	12-10	20	12-30	16	312	260	243	228	197
LAKEWOOD 2 ENE	95	6-14+	8	2-24	3-22	14	3-25	19	4-13	23	5- 9	28	5-25	30	10-10	32	11-10	18	11-10	18	11-10	18	11-11	15	234	230	211	185	138
LAMBERTVILLE	95	6-14	7	3-21	3-22	12	3-25	20	3-28	23	4-25	28	5-25	31	10-11	29	11-11	19	11-11	19	11-11	19	11-25	15	248	231	228	200	139
LAYTON 3 NW	95	6-15	- 5	3- 1	3-29	16	4-25	17	5-25	23	5-25	23	5-29	31	9-10	32	9-21	28	10-10	21	10-11	20	11-11	9	227	189	138	119	104
LEESBURG STATE FARM	94	6-14+	10	1-28	2-24	14	3-22	20	3-25	22	4-10	27	5-25	31	10-11	32	11-11	24	11-11	24	11-24	17	None		-	247	231	215	139
LITTLE FALLS 1 E	99	6-15	7	1- 2	3-25	16	3-25	18	3-28	22	4- 2	27	5-25	31	10-11	28	10-11	28	11-11	21	11-24	19	12-30	15	280	244	228	192	139
LONG BRANCH	93	6-14+	14	2-22	2-22	14	3-25	19	3-25	19	3-29	28	4-25	31	11-10	30	11-11	25	11-23	23	11-24	20	12-30	15	312	244	243	227	199
LONG VALLEY	95	6-14	5	3-18+	3-25	15	3-28	18	4-25	23	5-17	28	5-25	29	9-21	30	10-11	24	10-11	24	11-11	18	11-11	16	231	228	169	147	119
MILLVILLE AIRPORT	97	6-14	9	1-28	3-20	16	3-22	18	3-25	21	4-13	28	4-25	30	10-12	31	11-12	21	11-12	21	11-24	14	11-24	14	249	247	232	213	170
MOORESTOWN	95	6-13+	14	1- 2	2-24	15	3-21	19	3-25	21	4-25	28	5-25	32	10-11	30	11-10	26	11-11	21	11-24	20	None		-	248	231	199	139
MORRIS PLAINS	96	6-14	6	1- 2	3-25	14	3-28	20	4-13	23	5-17	28	5-25	30	9-21	31	10-11	27	11-11	18	11-11	16	11-11	16	231	228	212	147	119
NEWARK WB AIRPORT	99	6-14	12	1- 2	2-22	14	3-25	18	3-25	18	3-28	26	4-21	32	11-10	30	11-11	25	11-23	24	12-30	15	12-30	15	312	280	243	228	203
NEW BRUNSWICK EXP STA	95	6-14	11	1- 2	3-21	15	3-25	18	3-28	24	4-21	28	5-25	32	10-11	31	11-11	20	11-11	20	11-11	20	12-30	15	284	231	228	204	139
NEWTON	94	6-15+	1	3-21	3-26	16	3-28	17	4- 2	22	5-25	27	5-25	27	9-19	32	10-11	25	11-11	16	11-11	16	11-11	18	230	228	223	139	117
PATERSON	99	6-15	11	1- 2	2-23	15	3-25	17	3-26	22	3-28	25	4-21	32	11-11	24	11-11	24	11-11	24	11-24	20	12-30	15	311	244	230	228	204
PEMBERTON 3 E	97	6-14	8	1-28	3-22	15	3-25	19	4-25	24	4-25	24	5-25	30	9-21	32	11-11	17	11-11	17	11-11	17	11-24	11	247	231	200	200	119
PBILLIPSBURG	95	6-14+	3	12-30	4- 8	14	4- 8	14	4- 8	14	4-25	27	5- 9	32	10-11	30	11-11	22	11-11	22	11-24	19	11-25	16	231	230	217	200	155
PLAINFIELD	97	6-14	10	1- 2	3-22	15	3-25	18	3-28	22	4-25	27	5- 9	32	10-11	29	11-11	19	11-11	19	11-11	19	12-19	18	272	231	228	200	155
PLEASANTVILLE 1 N	96	6-14	9	2-24	3-21	16	3-25	20	4-21	22	4-21	22	5-25	32	11-10	31	11-11	19	11-11	19	11-11	19	11-24	16	248	231	204	204	189
RIDGEFIELD	99	6-14	10	1- 2	3-18	16	3-25	17	3-28	22	4- 1	28	4-25	29	10-11	30	11-10	24	11-10	24	11-18	18	12-30	15	287	238	227	223	189
RUNYON	100	6-14	4	1- 2	3-25	16	3-25	16	4- 2	11	5-25	27	5-25	27	9-10	32	10-11	21	10-11	21	11-11	12	11-11	12	231	231	192	139	108
SANDY BOOK LBSTA	95	6-15	14	2-22	2-22	14	3-25	19	3-25	19	3-25	19	4- 9	32	-		-		-		-		-		-	-	-	-	-
SOMERVILLE	96	6-14	5	3-20	3-22	10	3-22	10	4-25	24	4-25	24	5-25	31	9-21	32	10-11	27	11-11	15	11-11	15	11-11	15	234	234	200	189	119
SUSSEX 3 N	96	6-15	2	1- 2	3-28	15	3-29	20	4- 2	22	5-25	28	5-25	28	9-21	31	10-11	26	11-11	16	11-11	18	11-11	16	228	227	223	139	119
TRENTON 2	96	6-14	11	1- 2	2-22	13	3-25	19	3-25	19	3-28	25	4-25	30	11-10	26	11-10	26	11-11	22	11-24	20	None		-	244	231	227	199
TRENTON WB CITY	96	6-14	14	1- 2	2-22	15	3-17	20	3-25	21	3-28	27	3-28	27	11-10	30	11-11	27	11-23	24	12-30	17	None		-	288	243	228	227
WOODSTOWN 2 NW	-	-	-	-	-		-		-		-		-		-		-		-		-		-		-	-	-	-	-

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
CANOE BROOK	EVAP	-	-	-	-	-	B4.33	B3.08	B3.59	B2.65	B2.30	-	-	-
	DEP	-	-	-	-	-	-0.21	-2.03	-0.59	-0.33	0.41	-	-	-
	WIND	-	-	-	-	-	323	185	205	342	397	-	-	-
PLEASANTVILLE 1 N	EVAP	-	-	-	-	B5.56	B5.81	B5.06	5.24	B3.60	B2.89	-	-	-
	DEP	-	-	-	-	-0.16	-0.26	-1.38	-0.40	-0.52	0.32	-	-	-
	WIND	-	-	-	-	B1449	891	707	708	774	802	1039	-	-
RUNYON	EVAP	-	-	-	-	3.87	4.27	6.19	7.69	B2.80	B1.86	-	-	-
	DEP	-	-	-	-	-1.42	-0.94	0.55	2.62	-1.32	-0.78	-	-	-
	WIND	-	-	-	-	345	118	181	133	298	442	473	-	-

See reference notes following Station Index.

SOIL TEMPERATURES

Station and Depth	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
NEW BRUNSWICK EXP STA																										
MEASURED UNDER SOD																										
1 INCH															72.7	85/60	63.4	78/51	53.0	63/44	44.3	62/31	40.0	53/25	-	--/--
2 INCHES															71.7	81/62	63.6	74/54	52.8	80/46	45.9	61/31	38.9	52/26	-	--/--
4 INCHES															71.5	80/63	63.8	74/55	52.5	60/47	45.1	60/33	40.2	51/28	-	--/--
8 INCHES															70.3	75/64	64.1	71/56	54.0	59/50	46.8	59/35	41.8	49/34	-	--/--
16 INCHES															89.1	72/60	64.3	70/55	55.0	59/50	48.9	58/41	43.1	47/37	-	--/--
32 INCHES															66.3	68/63	64.1	68/58	56.1	59/51	51.4	57/46	45.5	48/42	-	--/--

Montbly averages are obtained by taking tbe average of max and min values.

Cover: Kentucky bluegrass.

† CHANGES IN STATION NAMES

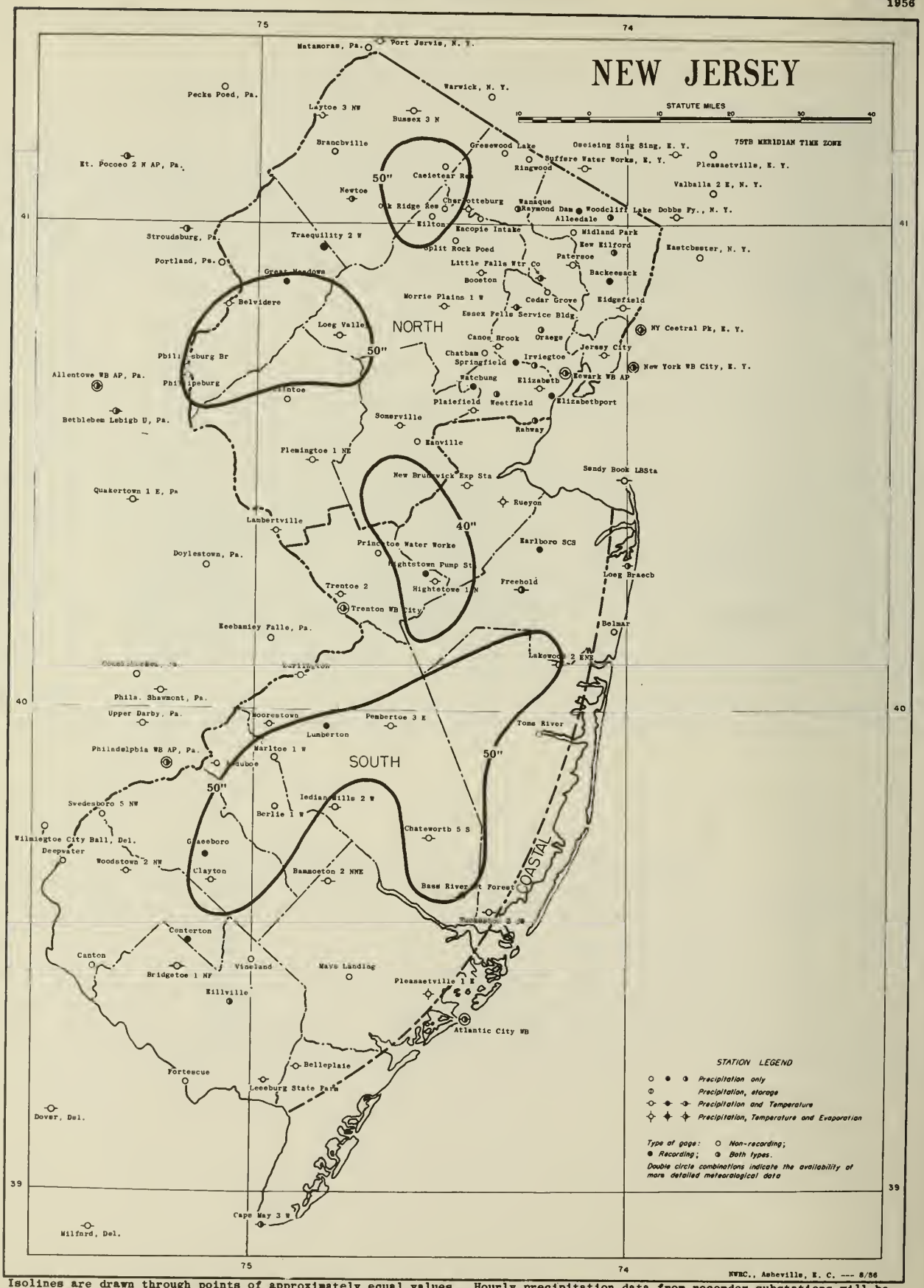
NEW NAME	OLD NAME	DATE
BOONTON 2 SE	BOONTON	October 1858
GREAT MEADOWS 4 N	GREAT MEADOWS	December 1958
LITTLE FALLS 1 E	LITTLE FALLS WTR CO	October 1958
SANDY BOOK LBSTA	SANDY BOOK	June 1956

RELOCATION AND CHANGES OF EQUIPMENT

CANTON	All equipment moved 1.3 mile S	March 28, 1956
FORTESCUE	All equipment moved 0.4 mile NW	December 8, 1858
GREAT MEADOWS 4 N	All equipment moved 3.2 miles N	December 6, 1956
SPRINGFIELD	Recording gage moved 150 feet S	December 18, 1958

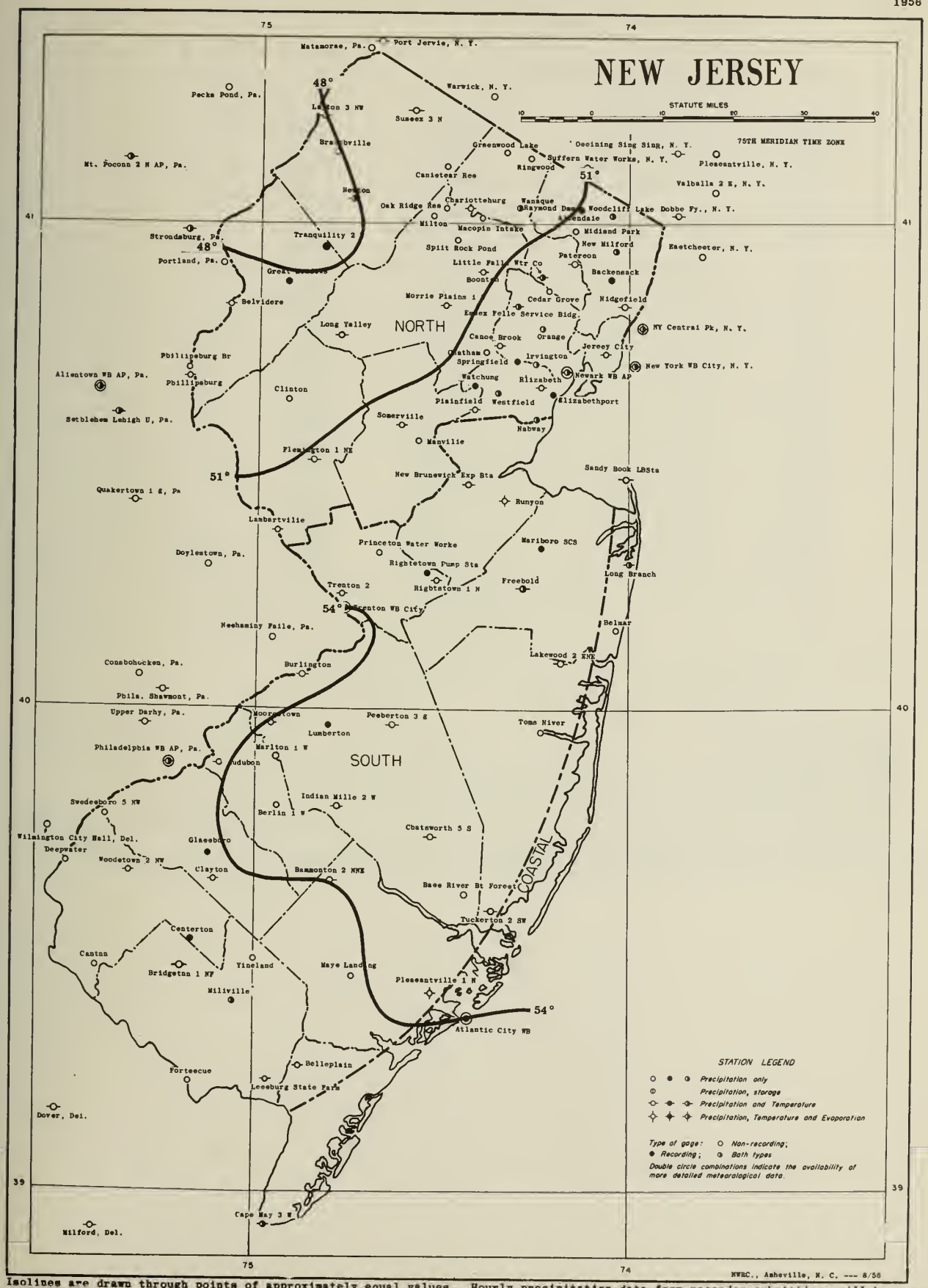
See reference notes following Station Index

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication 'Hourly Precipitation Data'.

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication 'Hourly Precipitation Data'.

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270						C
#ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	83	83				1 2 3 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	4	7				1 2 3
BASS RIVER STATE FOREST	0528	BURLINGTON	1	39 37	74 26	20		10				2
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	62	62				1 2 3
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		15				2
BELVIDERE	0729	WARREN	2	40 50	75 05	289	64	64				1 2 3
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		15				2
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		0		OCT		2
†BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	48	66				1 2 3
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		0		DEC		2
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		55				2
†BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	66	71				1 2 3
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	44	70				1 2 3
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		16				2
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	26	26	26			1 2 3 4
CANTON	1343	SALEM	2	39 28	75 25	10		10				2
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	31	68				1 2 3 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		16				2
CENTERTON	1512	SALEM	6	39 31	75 10	80						C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	64	64				1 2 3
CHATHAM	1590	MORRIS	8	40 44	74 23	185		52				2
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	15	15				1 2 3
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	43	63				1 2 3
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		13				2
DEEPWATER	2209	SALEM	2	39 41	75 30	12		16				2
ELIZABETH	2644	UNION	1	40 40	74 14	33	77	77				1 2 3
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		17				2 C
ESSEX FELLS SERVICE BLDG	2768	ESSEX	8	40 50	74 18	250	8	8				1 2 3 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	59	70				1 2 3
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		10			INAC	2
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	52	52				1 2 3 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150						C
†GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	550						C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		16				2
HACKENSACK	3572	BERGEN	4	40 53	74 03	10						C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	24	50				1 2 3
HIGH POINT PARK	3935	SUSSEX	2	41 48	74 40	1600	0	0		NOV		1 2 3
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	60	63				1 2 3
HIGHTSTOWN PUMPING STATION	3956	MERCER	10	40 17	74 32	75						C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	66	67				1 2 3
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		17				2 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	58	58				1 2 3
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	52	52				1 2 3 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	69	69				1 2 3
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	55	55				1 2 3
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	6	6				1 2 3
‖LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	42	53				1 2 3 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	48	48				1 2 3 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	26	26				1 2 3
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25						C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		16				2
MAHWAH	5104	BERGEN	8	41 06	74 10	253		0		NOV		2
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		16				2
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120						C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		15				2
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		12				2
MIDLAND PARK	5503	BERGEN	8	40 59	74 09	210		10				2
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60		16				2 C
MILLVILLE CAA AIRPORT	5581	CUMBERLAND	6	39 22	75 04	68	10	10			JULY	1 2 3
MILTON	5597	MORRIS	8	41 01	74 32	950		16				2
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	93	93				1 2 3
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	11	15				1 2 3
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	57	102				1 2 3 C
NEW BRUNSWICK EXP STATION	6062	MIDDLESEX	10	40 28	74 26	80	99	102				1 2 3 G
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		38				2 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	73	73				1 2 3 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		16				2
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		0		OCT		2
ORANGE	6560	ESSEX	8	40 47	74 14	140		16				2 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	86	85				1 2 3
PEMBERTON 3 E	6863	BURLINGTON	2	39 58	74 38	60	27	27				1 2 3
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	65	73				1 2 3
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		17				2
PLAINFIELD	7079	UNION	10	40 36	74 25	120	65	68				1 2 3
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		0		OCT		2
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	33	58	33			1 2 3 4
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		8				2
RAHWAY	7393	UNION	9	40 36	74 15	20		17				2 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	39	39				1 2 3
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		16				2
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	32	33	33			1 2 3 4
†SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	58	58				1 2 3
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	70	73				1 2 3
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		16				2
SPRINGFIELD	8423	UNION	1	40 43	74 18	–						C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	58	61				1 2 3
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		10				2
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		35				2
TRANQUILLITY 2 W	8858	WARREN	2	40 57	74 50	551				JAN		C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	26	26				1 2 3
* TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	84	84				1 2 3 C
TUCKERTON 2 SW	8899	OCEAN	1	39 35	74 22	45	56	61				1 2 3
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110	59	76				2
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		16				2 C
WATCHUNG	9271	UNION	8	40 40	74 25	–						C
WERTSVILLE	9361	HUNTERDON	10	40 27	74 48	160		0		OCT		2
WESTFIELD	9455	UNION	9	40 39	74 21	135		17				2 C
WOODCLIFF LAKE	9852	BERGEN	4	41 01	74 03	103		38				2 C
WOODSTOWN 2 NW	9910	SALEM	2	39 40	75 20	16	9	19			INAC	1 2 3

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-BUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at the Weather Bureau Office, % General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

- \- No record.
- \+ Also later date (dates) or months.
- * Amount included in following measurement.
- \# Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- B Adjusted to full month.
- C Data for recorder stations denoted by 'C' in the Refer to Tables column of the Station Index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder - only stations may be found in the annual issue of "Hourly Precipitation Data".
- E Amount is wholly or partially estimated.
- G In the 'Refer to Tables' column of the Station Index the letter 'G' indicates that soil temperatures are published.
- M One or more days' record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication 'Substation History' for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issue of Local Climatological Data annuals, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks, and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC., Asheville, N. C. ---3/18/57 --- 900

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JANUARY 1957
Volume LXII No. 1

THE LIBRARY OF THE
APR 2 [illegible]
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1957

WEATHER SUMMARY

GENERAL

Cold, dry weather were the outstanding features during January in New Jersey. The divisional departures for both temperature and precipitation showed fairly uniform negative values.

Temperatures for all stations for which average temperatures were computed had values that were below freezing, and all stations with comparative figures reported negative departures that ranged from -3.3° at Runyon to -6.6° at Sussex 3 N. The maximum temperature was recorded at all stations on the 22nd or 23rd, with a few duplications on the 24th. The 23rd was the most predominant date. Three stations (Belleplain, Hammonton 2 NNE, and Pemberton 3 E) reported 65° for the highest reading of the month. A large percentage of the stations reported low temperatures for the month that dropped to 0° or considerably lower. The lowest reading recorded was -21° at Layton 3 NW on the 18th.

Precipitation stations for which departures from the long-term average are shown were all negative, and ranged from -0.12 inch at Layton 3 NW to -2.49 inches at Elizabeth. Monthly totals varied from 1.24 inches at Swedesboro 5 NW to 3.30 inches at Berlin 1 W. The majority of stations reported greatest daily amounts that were less than one inch, however a recording of 1.52 inches at Layton 3 NW on the 23rd was the greatest daily amount reported. A considerable portion of the month's precipitation fell as snow, and extreme monthly totals recorded ranged from 3.3 inches at Swedesboro 5 NW to 14.6 inches at Layton 3 NW.

WEATHER DETAILS

The month opened with cold weather dominating the scene during the first three days, but a one day warm-up occurred on the 4th as warm southerly winds flowed across the State due to the easterly movement of a low pressure system over the Great Lakes-St. Lawrence Valley area. Colder weather returned during the three-day period 5th-7th, with readings averaging below the usual expectancy. On the 8th and 9th somewhat warmer weather prevailed with average readings just slightly higher than usual. Cold Arctic air that was predominant most of the time brought the State its most prolonged cold spell of the month during the period 10th-20th, and most stations reported their lowest temperature of the month on the 15th or 18th. A warm air mass that affected the State's weather brought the warmest spell of the month during the 21st-23rd, with daily average temperatures well above seasonal levels. This was followed by more cold air that dropped temperatures to below the usual expectancy on the 24th and 25th. Prevailing pressure patterns during the remainder of the month brought temperatures that ranged slightly above the usual at most stations on nearly every day of the period.

Precipitation which fell during the first five days was not significant. However, beginning on the 6th and continuing until the month ended occurrences were rather frequent, but daily measurements were mostly in the light category. The heaviest precipitation of the month was associated with the passage of a low pressure system that caused precipitation to begin falling on the 22nd and ended before noon of the 23rd. Some thunderstorm activity was also noted during this period. Full time Weather Bureau stations indicated measurable amounts of snowfall on about eight days during January, and traces of snow fell on several more days at most of these stations.

WEATHER EFFECTS

Reports indicated that winter grains were in unusually good condition when the ground froze in late December, and that damage from the cold weather in January with little snow cover was probably limited to winter oats. On a few farms harvesting of grain corn and soybeans was not completed until January, but inclement weather conditions during much of the month kept most of the wintertime farm activities at a minimum. The Weather Bureau Office at Trenton reported that some damage was caused by the 30-35 mph winds of the 10th and the 22nd-23rd.

DESTRUCTIVE STORMS

On the 23rd at 8:00 a.m. a thunderstorm accompanied by strong, gusty wind and heavy rain occurred in Mercer County causing minor damage to trees, power lines, telephone wires, and TV antennas. The direction of movement was from Southwest to Northeast. This phenomenon was somewhat unusual for this date.

FLOODS

None reported during January.

Franklin W. Long, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

CLIMATOLOGICAL DATA

NEW JERSEY
JANUARY 1957

TABLE 2

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
NORTHERN																								
8ELVIOERE		34.3	17.5	25.9	- 4.2	59	23	- 8	18	1203	0	12	30	4	2.14	- 1.64	.89	23	6.3			6	1	0
8DONTON 2 SE	AM	34.3	15.8	25.1	- 4.0	59	23+	- 7	18	1233	0	12	29	5	2.26	- 1.03	1.38	23				4	1	1
CANDE 8ROOK	AM	35.8	14.5	25.2	- 3.9	60	23	-15	17+	1230	0	11	29	6	1.89	- 1.92	.80	23	8.3	4	16	6	1	0
CHARLOTTE8URG	AM	32.8M	13.2M	23.0M	- 6.0	59	23	-12	18	1294	0	15	28	6	1.92	- 1.87	.83	23	8.8	5	16+	6	1	0
ELIZA8ETH		36.7	19.1	27.9	- 5.2	61	23	0	15+	1141	0	9	30	2	1.66	- 2.49	.58	23	7.5	3	16	6	1	0
ESSEX FELLS SERV 8LOG	AM	34.8	15.4	25.1		60	23+	- 6	17	1230	0	12	29	5										
FLEMINGTON 1 NE		35.3	16.5	25.9	- 6.0	62	23	-11	18	1204	0	10	30	5	2.00	- 1.36	.65	23	10.6	1	10+	5	1	0
HIGH POINT PARK		27.9	6.6M	17.3M		55	23	-18	16+	1504	0	23	29	6										
JERSEY CITY		33.5	21.0	27.3	- 5.6	59	23	0	15	1162	0	13	28	1	2.05	- 1.42	.50	23				10	1	0
LAM8ERTVILLE		35.8	19.8	27.8	- 4.0	60	23	- 3	18	1145	0	11	30	1	2.18	- 1.26	.92	23	5.6	1	16+	6	1	0
LAYTON 3 NW		33.8	9.4	21.6	- 5.4	58	23	-21	18	1339	0	12	30	10	2.79	- .12	1.52	23	14.6	5	16+	6	1	1
LITTLE FALLS 1 E	AM	35.9	16.8	26.4	- 4.9	62	23+	- 6	18	1189	0	13	29	4	1.63	- 2.12	.60	23	8.2	4	16+	5	1	0
LONG VALLEY		35.0	14.5	24.8		58	23	-15	18	1239	0	11	30	4	D 2.62	- .99	.80	23	10.0			9	2	0
MORRIS PLAINS		34.1	16.5	25.3		58	23	- 8	18	1222	0	11	30	4	2.40		1.18	23	9.3	3	16	6	1	1
NEWARK W8 AIRPORT	R	35.5	20.5	28.0	- 3.5	62	23	0	15	1140	0	11	29	1	1.77	- 1.83	.49	23	7.8	3	16+	8	0	0
NEWTON	AM	32.1	13.0	22.6	- 5.3	59	23	-13	17	1308	0	15	29	7	D 2.27	- .83	1.17	23	9.0	4	16+	6	1	1
PATERSON	AM	35.7	19.6	27.7	- 4.2	61	23+	- 3	16	1152	0	11	29	2	1.65	- 2.03	.65	23	8.2	3	15+	6	1	0
PHILLIPS8URG		36.8	16.3	26.6	- 3.8	60	23	- 5	18+	1184	0	8	30	5	1.75	- 2.12	.48	23+	6.0	5	7	5	0	0
PLAINFIELD		36.0	19.1	27.6	- 4.6	60	23	- 3	18	1152	0	10	30	1	1.99	- 1.69	.74	23	8.5	3	16	6	1	0
RIDGEFIELD		34.6	19.1	26.9	- 4.3	58	23	- 1	15	1177	0	11	29	1	1.99	- 1.73	.53	23	9.9	5	16	6	1	0
SOMERVILLE		35.5	17.5	26.5	- 5.0	61	23	-10	18	1189	0	10	30	4					7.7	2	16+			
SUSSEX 3 N	AM	31.8	11.4	21.6	- 6.6	59	23+	-10	15+	1337	0	14	29	8	1.92	- 1.58	.77	23		6	17+	6	1	0
DIVISION				25.3	- 5.2										2.05	- 1.52			8.6					
SOUTHERN																								
AUDU8ON		37.1	22.2	29.7		62	23	2	18	1088	0	10	29	0	1.62		.35	23	12.0	4	16	8	0	0
8ELLEPLAIN		42.4	20.8	31.6		65	22	-10	18	1029	0	4	29	2	O 2.46	- 1.16	.76	23	7.0			9	1	0
8RIOGETON 1 NE	AM																							
8URLINGTON		38.5	21.3	29.9	- 4.7	61	22	0	18	1080	0	9	29	1	1.58	- 1.77	.60	23				3	1	0
CHATSWORTH 5 S																								
CLAYTON		37.3	22.9	30.1		62	23	- 1	18	1075	0	8	25	1	2.10		.51	23	5.1	3	16	9	1	0
FREEHOLO		36.0	20.1	28.1	- 4.9	63	22	- 3	18	1139	0	10	29	1	1.46	- 2.18	.55	23	6.2	4	16+	5	1	0
HAMMONTON 2 NNE	AM	39.1	19.8	29.5	- 5.2	65	23	1	15+	1092	0	7	28	0	1.34	- 2.35	.35	23				6	0	0
HIGHTSTOWN 1 N		36.0	19.8	27.9	- 4.8	61	22	- 4	18	1144	0	11	30	2	1.75	- 1.53	.88	23	6.4	2	15+	4	1	0
INDIAN MILLS 2 W		37.2	19.0	28.1	- 5.7	64	22	-11	18	1136	0	11	29	3	1.89	- 1.83	.50	10	5.2	2	16+	8	1	0
LAKEWOOD 2 ENE																								
LEES8URG STATE FARM	AM	37.7	21.5	29.6		59	23	3	17	1088	0	8	27	0										
MOORESTOWN		36.5	21.8	29.2	- 4.0	61	23	1	15	1102	0	9	29	0	1.34	- 1.89	.44	23	5.7	3	16	4	0	0
NEW 8RUNSWICK EXP STA		36.1	19.3	27.7	- 4.9	60	22+	- 5	18	1147	0	10	30	2	2.02	- 1.36	.85	23	6.0	2	16+	7	1	0
PEM8ERTON 3 E		37.5	19.7	28.6	- 5.8	65	22	-16	18	1121	0	9	28	2	1.57	- 1.75	.33	10	5.1	3	16+	6	0	0
PLEASANTVILLE 1 N	AM	38.2M	18.4M	28.3M	- 5.9	60	23	- 3	18	1130	0	7	25	2	1.99	- 1.90	.38	23				7	0	0
RUNYON		37.5	17.5	27.5	- 3.3	63	22	-16	18	1155	0	8	29	5	2.12	- 1.54	.82	23				8	1	0
TRENTON 2		36.3M	22.2M	29.3M		60	23	2	15	1101	0	9	29	0	2.10	- 1.65	.76	23	6.5	2	15+	7	1	0
TRENTON W8 CITY	R	35.8	21.7	28.8	- 3.8	62	23	2	15	1115	0	11	28	0	1.87	- 1.29	.68	23	5.6	2	16	5	1	0
TUCKERTON 2 SW	AM																							
DIVISION				29.0	- 4.8										1.81	- 1.74			6.4					
COASTAL																								
ATLANTIC CITY W8	R	38.1	25.7	31.9	- 3.9	57	23	7	15	1019	0	8	22	0	1.86	- 1.92	.31	9	7.9	4	16	8	0	0
CAPE MAY 3 W		40.0		M		55	23				0			0										
LONG 8RANCH		35.4	21.2	28.3	- 5.0	60	23	2	18	1129	0	11	28	0	1.77	- 2.16	.49	23	6.3	4	16+	6	0	0
SANDY HOOK L8STA		34.6	23.5	29.1	- 4.5	52	23	5	15	1105	0	10	27	0	2.14	- 1.08	1.00	29	5.0	3	16	5	2	1
DIVISION				29.8	- 5.0										1.92	- 1.75			6.4					

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Percent of time from prevailing	Wind speed m. p. h.: Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Relative humidity averages - percent: 1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Number of days with precipitation: Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB CITY	-	-	14.2	47	NW	10	-	-	-	-	4	4	8	0	0	0	16	43	7.1
LONG BRANCH	NW	20	15.3	47	NW	23	-	75	Ø 67	69	5	6	6	0	0	0	17	53	6.0
NEWARK WB AIRPORT	WNW	18	9.5	35++	NNW	23	72	78	64	89	4	5	8	0	0	0	17	-	6.5
TRENTON WB CITY	-	-	9.1	35	NE	10	-	-	-	-	3	10	4	1	0	0	18	48	8.8

++ Fastest observed one minute wind speed. This station is not equipped with automatic record-wind instruments.
Ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
JANUARY 1957

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
ATLANTIC CITY WB R	1.86						T	.07		.31	.16				.07	.11	.14		T			T	.15	.30		.08		T	.09	.21		.17
AUDUBON	1.02							.05		.34	.10				.10	.10	.08					T	T	.33		T			.10	.29		.15
BASS RIVER ST FOREST	2.34						T	.27		*	.77			.00			.40							.47		.04			.10	.00		.14
BELLEPLAIN D	2.46							D.10		.12	.31				T		D.40							.76		0.10			.15	.32		.20
BELNAR	1.83						*	*	*	*	.50					.04	.25					.01	.12			T		T	T	.57	T	.14
BELVIDERE	2.14	T						.05		.00	.40						.11						.09	.80		.07		.16		.19		.10
BERLIN 1 W	5.30							T		.10					.33		.65						*	.33		.40	T		.00	.53		.30
BLACKWELLS MILLS	2.37							T		.22	.43						.14	.02				.03	.06	.54	.48		.02	.14		.10	.13	
BOONTON 2 SE	2.20							.08	T	.02	.20	.05					.09	.03				T	.03	1.38		.03		.13		.15	.03	
BOUND BROOK 1 W	1.75							.03		.09	.38	.01					.00					.01	.07	.70				.15		.10	.06	
BRANCHVILLE	2.28	T						.00		T	.31	.11		T			.11	.04						1.11			.10	.11		.30		
BRIDGETON 1 NE		RECORD MISSING																														
BURLINGTON	1.58							.02		.08	.35				.05		.00					.01		.60				.07	.04	.21	.01	.08
CANISTEAR RESERVOIR	1.96							.07	T	.03	.25	.05	T	T			.17	T					.15	.83		.08	.10	.20		.05		
CANOE BROOK	1.80							.06		.04	.27	.01					.15	.03				.02	.11	.80			.03	.15		.18	.04	
CANTON	1.25							.00		T	.30				.13		.08					.02	.09	.30		T			.13	.11		.03
CAPE MAY 3 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CEDAR GROVE	2.50							.05		.03							.21					.15	.08	.70				.13		1.10	.05	
CHARLOTTEBURG	1.92							.07		.02	.22	.04					.15	.03					T	.83	.15		.00	.10		.20	.05	
CHATNAM	1.04							.00		.02	.28	T					.11					T	.12	.92			.04	.17		.00	.13	
CHATSWORTH 5 S		RECORD MISSING																														
CLAYTON	2.10							.07		.10					.15	.14	.24					.15	T	.51		T			.15	.47		.12
CLINTON	2.08							.04		.00	.32						.14					.08	.02	.80		.05		.20		.20		.14
DEEPWATER	1.46									.05	.50											.14	.14	.33					.00	.06		.00
ELIZABETH	1.06							.05		.05	.04			.01			.30					.06		.58		.10	T	.15		.21	.01	.10
ELIZABETHPORT	1.52	T					.02			.13	.29					.04	.06					.04	.11	.45		.03		.09	T	.20		.00
ESSEX FELLS SERV BLDG	-							.15			.25					.45	.03						.10	-				.28		.30	.02	
FLEMINGTON 1 NE	2.00	.05						.08		.07	.40			T	T		.08		T	T		.09	.02	.05		.03	T	.14	T	.29		.10
FORTESCUE	1.70							.15		.06	.30				.20		.13						.04	.42						.13	.27	
FREEHOLD	1.40							.05		.10	.30				T		.08					.02		.55		T		.11		.18		.07
GREENWOOD LAKE	1.80	T						.07		.01	.30	.08		T			.15	.05					T	.70	T		.06	.10		.18	.04	
HAMMONTON 2 NNE	1.34								.01	.13	.07				.08		.13							.35				.28		.11	.18	
HIGH POINT PARK	-							.07			.32	.10					1.10	.03					-	.87			-	.18		-		
HIGHTSTOWN 1 N	1.75	T						.03		.00	.33			T	T	.10						.02	T	.88		.01		.04	T	.18	.01	.00
INDIAN MILLS 2 W	1.89	T					T	.10		.11	.50				.07	T	.10					T	T	.47		.05		.04	.10	.17		.12
IRVINGTON	2.00	T					.03		.02	.11	.25					.20	.12					.10	.22	.57		.05		.12		.21		.09
JERSEY CITY	2.05	T					.04	.10		.18	.24			T		.10	.12					.09	.13	.50		.04		.12		.20		.13
LAKEWOOD 2 ENE		RECORD MISSING																														
LAMBERTVILLE	2.18							.05		.07	.43				.02	T	.08					.12	.04	.92		T		.12	T	.22		.11
LAYTON 3 NW	2.70							.08		.04	.20						.21							1.52		.11	.03	.17		.00		.34
LEESBURG STATE FARM	-										.41						-	-						.47						.31	.25	.10
LITTLE FALLS 1 E	1.63							.08		.03	.20	.05					.12	.03				.01	.06	.00			.03	.13		.15	.04	.01
LONG BRANCH	1.77	T					T	.06		.18	.23			T	T	.06	.27					.02	.07	.40		.03		.06	T	.10		.11
LONG VALLEY D	2.02							D.10			D.20						0.40					.20		.80		0.10		0.20		.50		.12
NACOPIN INTAKE	1.03							.07		.03	.21	.05		T			.11	.02				T	T	1.00			.06	.12		.17	.03	T
MAHWAH	1.04							.07		.03	.23	.05					.08	.03					.01	.00	T		.06	.13		.23	.03	
NANVILLE	-						T	.05		.10	.33						.10					.20	.22	-		.06		.08		.65		.03
NARLTON 1 W	1.69							.00		.00	.30				.13		.12					.01		.46		.04		.10	.05	.17		.13
MAYS LANDING	3.17						.10	.21	T	.10	.25			.41			.45					.10		.81		.15			.20	.18		.21
MIDLAND PARK	2.11							.00		.02	.32						.10						.04	.00		.03		.13		.21		.15
MILLVILLE	2.04						.02	.00		.27	.07			.01	.05	.00	.05					.04	.19	.50		.02			.12	.29		.17
NILTON	2.78							.11		.07	.28	.05				.10	.36						.15	1.20			.04	.10		.17	.09	
MOORESTOWN	1.34							.08	.03	.06	.33				.05		.00	T					.01	.44			.02	.05		.10	.11	
MORRIS PLAINS	2.40	T	T					.07		.05	.34						.15		T			.07	.02	1.18		.04	.01	.13	T	.24		.10
NEWARK WB AIRPORT R	1.77	T					.03	.02		.10	.21			T	T	.11	.12					.07	.09	.49		.07		.15	T	.21		.10
NEW BRUNSWICK EXP STA	2.02							.03		.10	.37						.15					.08		.85		.02		.12		.20		.10
NEW MILFORD	1.04						.04	.04		.06	.32					.04	.18					.10	.14	.44		.04		.16		.22		.16
NEWTON D	2.27							.00		.04	.24	.10		T			0.30	T					T	1.17			.07	.12		.17	T	
OAK RIDGE RESERVOIR	2.20							.11		.04	.26	.00		.02		.31	.00							1.01			.07	.13		.20	.02	
OLDWICK	1.80							.05		.08	.31	.01					.12	.01				.02	.08	.80	T		.05	.18		.10	.02	
ORANGE	2.07							.11		.03	.31						.20						.05	.78			.21	.16		.10		.12
PATERSON	1.05							.12		.03	.05	.01				.25	.11					.03	.05	.05	T		.10	.20		.05		
PENBERTON 3 E	1.57							.08		.10	.33				.05		.23					T		.27		.03		.06	.06	.21		.15
PHILLIPSBURG	1.75	T						.06		.08	.30		T	T	T		.05		T			T	T	.48		T	T	.14	T	.48	T	.10
PHILLIPSBURG BRIDGE D	2.33							0.06		.11	.34	T					.31	T					.13	.49		0.10	*	.33		.41		.05
PLAINFIELD	1.00	T						.04		.08	.36			T		.01	.10					.10	.01	.74		.04		.15	T	.23		.04
PLEASANT RUN	2.58	.10	.10					.12		.10	.22					.20								.05	.31		.18	.14			.07	
PLEASANTVILLE 1 N	1.00							.05		.15	.32	.00			.11		.26	T					.04	.38		.34	T		T		.23	.05
PRINCETON WATER WORKS	1.69	T					T	.01		.26	.17					.08	.05					.04	.14	.04		.01		.09		.12		.08
RAHWAY	1.50	T					T	T		.10	.34			T		.03	.05					.05	.15	.48		T		.12	T	.19		.08
RIDGEFIELD	1.09	T					T	.08		.05	.28					.10	.35					.05	.08	.53		.05		.20		.22		
RINGWOOD	1.58	T						.07		.01	.34	.03					.18	.02					T	.75			.06	.12		T		T
RUNYON	2.12							.05		.10	.30						.20					.12		.82		.03	.12		.18		.11	
SANDY HOOK LBSTA	2.14	T						T		T	.04						.30					T	T	.50		.20		T		1.00		.10
SOMERVILLE	-	T						.19		.10	.40						.10					.10	.03	-		.05		.15		.22		.08
SPLIT ROCK POND	1.72							.06		.04	.22	.08					.10	.02					.01	.83			.04	.14		.13	.05	
SUSSEX 3 N	1.02	T						.08		T	.23	.11		T			.08	.05		T			T	.77	T		.11	.17		.28	.04	
SWEDESBORO 5 NW	1.24							.05		.08	.32				.04	T	.04					.02	.01	.30		.02	T	.02	.01	.13	.06	.08
TOMS RIVER	1.88							.07		.10	.40				.05	.25								.37		.00			.11	.33		.11
TRENTON 2	2.10						.02	.04		.20	.23				.02	.13	.07		T			.03	.23	.70		.02		.09	T	.15		.11
TRENTON WB CITY R	1.87	T					.03	.05		.20	.22			T	.03	.00	.08		T			.02	.11	.68		.02		.00	.07	.11		.07
TUCKERTON 2 SW		RECORD MISSING																														
VINELAND D	1.71							.06	.01	.12	.26				.09		.18						.05	.23	.28	D.03	.01	.01	T	.10	.24	.04
WANAQUE RAYMOND DAM	1.88							.09		.02	.20	.08					.12	.00						.01		.02	.00	.11		.13	.06	
WERTSVILLE	1.78		.01					.02		.07	.32	.08			T		.04	.01				.03	.06	.50	.20		.02	.11		.25	T	
WESTFIELD	2.06							.10		.14	.34						.80							.34		.04		.14	.03	.21	.02	.10
WOODCLIFF LAKE	2.20						.04	.04		.08	.30					.04	.18					.06	.22	.64		.00		.16		.22		.16

See Reference Notes Following Station Index

Table 5

DAILY TEMPERATURES

NEW JERSEY
JANUARY 1957

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	39	31	37	49	38	36	33	42	41	46	32	41	44	28	25	30	22	28	34	43	46	50	57	28	33	44	43	38	44	40	40	38.1
	MIN	19	17	22	33	30	24	29	30	33	26	20	28	22	17	7	19	11	9	16	30	39	41	27	19	27	30	37	33	35	33	33	25.7
AUDUBON	MAX	38	30	37	48	40	34	34	41	37	39	31	43	40	25	19	30	21	28	32	42	44	61	62	27	31	40	40	37	41	41	37	37.1
	MIN	20	16	22	29	29	18	27	27	29	25	19	18	25	13	3	12	9	2	11	13	35	38	24	17	24	29	32	30	30	31	32	22.2
BELLEPLAIN	MAX	50	44	38	52	46	46	36	42	43	45	44	45	40	39	25	30	29	32	38	44	52	65	60	43	33	44	43	40	42	42	41	42.4
	MIN	25	12	20	28	20	18	29	22	25	35	28	14	28	15	2	15	-2	-10	2	5	31	39	32	16	22	23	28	31	32	32	29	20.8
BELVIDERE	MAX	35	26	34	46	40	31	35	35	38	36	31	35	31	21	20	26	20	21	29	40	42	50	59	30	29	37	42	37	34	38	36	34.3
	MIN	18	11	18	20	24	12	21	30	27	21	20	12	20	6	-2	1	-4	-8	0	4	31	42	25	13	19	25	27	26	30	27	26	17.5
BOONTON 2 SE	MAX	44	28	25	34	44	36	30	34	40	38	35	27	35	38	22	17	27	21	23	28	39	39	59	59	28	29	35	40	34	37	37	34.3
	MIN	23	11	16	22	26	12	13	23	25	28	14	11	19	8	-3	-3	-4	-7	-4	3	5	33	35	13	13	21	26	28	30	27	25	15.8
BRIDGETON 1 NE	MAX																																
	MIN																																
BURLINGTON	MAX	45	31	30	47	45	44	43	42	37	38	31	40	39	26	20	31	25	26	32	42	43	61	58	44	41	38	40	40	39	38	39	38.5
	MIN	18	15	15	28	30	21	28	28	29	30	18	20	20	13	2	11	8	0	9	8	34	33	30	17	22	22	31	30	29	30	31	21.3
CANOE BROOK	MAX	46	27	26	34	42	35	37	41	44	47	40	29	37	34	23	14	27	21	22	28	41	48	60	59	28	30	37	41	35	38	38	35.8
	MIN	23	9	18	20	22	10	17	18	25	31	9	10	21	8	-2	0	-15	-15	-10	-4	5	33	43	13	14	14	24	26	30	27	24	14.5
CAPE MAY 3 W	MAX	46	32	35	49			37	38	40	45	36	42	40	37		30	30	30	34	43	45	50	55			45				42		40.0
	MIN	31	21	27		32	22		35	24	28	24	28	32	18	7		15	17	21	19	35	39		20						30		
CHARLOTTEBURG	MAX	40	33	23	30	44	34	29	32	39	39	32	28		29	20	10	25	19	20	28	38	45	59	58	28	28	33	37	34	36	35	32.8
	MIN	18	7	12	18	23	9	10	17	20	27	10	5		0	-8	-8	-5	-12	0	4	18	36	41	9	9	19	19	26	27	24	21	13.2
CHATSWORTH 5 S	MAX																																
	MIN																																
CLAYTON	MAX	43	29	34	47	40	34	34	39	37	41	34	40	40	36	21	27	24	21	31	44	43	61	62	30	31	40	41	39	37	38	38	37.3
	MIN	14	14	21	29	32	20	31	31	30	32	20	11	20	14	4	16	9	-1	11	14	35	42	30	16	22	27	31	33	33	34	36	22.9
ELIZABETH	MAX	44	30	35	49	42	34	34	45	38	38	34	37	38	29	21	22	23	25	31	41	40	51	61	31	30	40	44	37	35	43	36	36.7
	MIN	19	10	12	24	26	17	24	25	28	27	14	15	28	10	0	9	0	1	6	8	32	36	29	14	19	19	28	28	31	27	27	19.1
ESSEX FELLS SERV BLDG	MAX	42	28	25	32	42	34	32	37	40	42	38	33	35	30	28	14	20	20	25	30	37	42	60	60	32	35	34	40	40	33	37	34.8
	MIN	15	8	12	17	22	14	14	15	30	31	14	14	16	5	-4	-2	-6	-5	-3	10	12	33	33	12	12	28	27	26	29	21	27	15.4
FLEMINGTON 1 NE	MAX	45	28	34	48	38	38	34	43	37	35	29	37	36	30	17	27	19	25	30	40	38	45	62	29	28	37	39	37	35	38	35	35.3
	MIN	15	10	19	19	24	13	20	23	26	22	11	11	25	9	-1	9	-3	-11	-3	-1	25	33	27	14	18	23	26	28	30	27	25	16.5
FREEHOLD	MAX	40	28	34	48	39	34	34	41	35	36	30	41	38	27	18	27	20	25	31	41	44	63	61	30	30	38	40	35	35	38	35	36.0
	MIN	19	11	17	24	27	16	24	25	27	30	13	16	27	11	1	11	1	-3	4	14	35	39	29	14	20	24	30	30	30	28	29	20.1
HAMMONTON 2 NNE	MAX	50	33	32	38	47	40	39	33	42	38	41	32	42	41	22	23	31	21	28	35	44	46	65	61	47	42	43	42	37	38	40	39.1
	MIN	29	13	17	21	32	20	18	24	26	33	18	19	23	13	1	3	3	1	15	5	15	33	45	16	18	23	26	22	31	20	31	19.8
HIGH POINT PARK	MAX	36	21	15	33	41	31	18	28	32	33	29	26	32	23	11	8	19	11	11	22	35	47	55	54	22	23	27	31	30	32	29	27.9
	MIN	10	5	11	12	18	5	9	16	13	18	5	6	18	-6	-14	-18	-18	-11	-11	9				4	3	15	16	21	19	19	11	6.6
HIGHTSTOWN 1 N	MAX	41	29	35	47	44	32	33	41	37	37	30	39	37	27	19	26	23	26	30	41	40	61	60	32	29	36	40	35	34	38	34	36.0
	MIN	19	12	18	25	28	16	24	23	28	30	15	18	26	11	1	10	-1	-4	9	3	32	35	32	15	19	24	29	30	30	28	29	19.8
INDIAN MILLS 2 W	MAX	43	29	35	50	41	34	32	40	37	38	30	43	40	27	22	28	23	28	32	43	45	64	62	31	31	39	40	35	36	38	37	37.2
	MIN	19	12	19	26	29	16	25	21	24	29	14	12	27	11	-4	12	-5	-11	1	2	35	40	31	14	22	23	28	30	30	29	29	19.0
JERSEY CITY	MAX	32	26	31	46	35	30	33	40	37	37	27	36	35	24	13	23	22	23	29	36	41	50	59	26	29	35	41	34	36	38	34	33.5
	MIN	13	13	19	28	22	20	26	31	29	18	16	22	17	6	0	10	8	6	12	16	37	40	22	15	24	27	30	32	31	28	33	21.0
LAKEWOOD 2 ENE	MAX																																
	MIN																																
LAMBERTVILLE	MAX	42	29	35	49	41	32	34	41	37	38	30	40	36	26	19	30	24	26	32	40	38	52	60	30	29	38	40	36	35	38	34	35.8
	MIN	21	13	21	25	27	14	25	25	28	28	14	13	26	12	1	9	3	-3	4	6	29	34	29	16	21	25	29	31	30	29	29	19.8
LAYTON 3 NW	MAX	42	23	31	45	40	25	34	40	41	41	30	35	32	25	10	27	20	20	30	37	46	47	58	37	25	33	28	33	34	36	33	33.8
	MIN	13	3	13	14	16	0	10	27	17	20	-2	15	-3	-10	-11	-3	-20	-21	-10	-7	29	36	25	9	12	20	15	19	30	19	17	9.4
LEESBURG STATE FARM	MAX	49	37	31	31	49	40	36	33	41	40	39	33	40	45	30	20	29	21	27	33	37	46	59	55	43	31	40	42	35	40	38	37.7
	MIN	30	15	18	24	33	19	20	27	26	36	20	20	29	15	4	6	3	8	11	7	14	31	42	16	18	24	27	31	33	32	29	21.5
LITTLE FALLS 1 E	MAX	32	29	28	33	46	38	31	37	44	41	35	30	38	34	24	14	31	23	25	32	40	43	62	62	30	30	40	44	36	37	41	35.9
	MIN	15	10	18	23	24	13	18	25	27	32	14	14	22	7	-3	-2	-2	-6	3	4	10	36	41	11	15	22	27	20	30	27	27	16.8
LONG BRANCH	MAX	35	27	34	48	36	31	33	41	39	39	29	42	37	24	18	25	20	25	30	40	45	58	60	25	32	36	40	37	36	38	37	35.4
	MIN	14	13	20	27	27	24	26	29	29	20	17	18	20	8	7	16	4	2	8	12	36	40	20	16	25	26	31	30	33	30	32	21.2
LONG VALLEY	MAX	38	27	34	47	40	32	33	42	40	36	27	33	34	30	18	27	24	22	27	38	39	48	58	28	28	39	46	41	37	38	34	35.0
	MIN	19	8	17	21	22	9	20	25	24	26	7	6	8	3	-5	5	-9	-15	6	-3	28	35	25	11	16	11	26	23	29	25	24	14.5
MOORESTOWN	MAX	39	30	36	48	38	35	34	41	37	38	32	42	40	24	19	27	20	27	33	42	44	60	61	27	31	38	39	37	40	36	33	36.5
	MIN	16	15	23	30	24	18	26	29	30	26	17	21	20	11	1	12	7	4	13	9	37	40	20	17	25	30	32	30	31	30	32	21.8
MORRIS PLAINS	MAX	42	26	33	44	42	31	33	40	37	35	31	35	34	24	19	26	26	21	28	39	37	47	58	31	25	35	41	34	33	37	34	34.1
	MIN	19	8	17	20	23	13	20	28	26	31	8	10	18	4	-4	5	-4	-8	8	0	29	34	31	12	15	20	25	26	28	26	24	16.5
NEWARK WB AIRPORT	MAX	34	28	34	47	37	32	35	42	39	33	30	38	36	25	14	28	24	24	32	40	41	57	62	27	30	37	42	37	39	40	36	35.5
	MIN	13	13	21	28	25	17	27	30	29	19	16	19	17	7	9	9	8	2	10	14	34	39	20	16	24	25	39	52	31	29	32	20.5
NEW BRUNSWICK EXP STA	MAX	44	27	35	48	43	34	33	41	37	57	31	37	37	29	20	26	25	24	30	40	40	60	60	31	29	37	39	37	36	38	35	36.1
	MIN	22	10	18	25	28	14	22	25	27	30	14	16	28	10	0	8	1	-5	8	1	30	37	50	14	19	24	28	30	30	27	28	19.3
NEWTON	MAX	43	23	23	31	44	32	27	33	38	37	34	27	33	30	19	7	24	17	20	25	38	43	59	58	26	28	34	37	34	36	35	32.1
	MIN	19	9	16	20	20	9	12	12	27	30	7	5	19	-3	-6	-6	-13	-10	-8	-4	4	34	41	10	10	22	25	25	28	24	24	13.0
PATERSON	MAX	45	28	26	34	42	58	30	38	42	40	33	30	37	35	25	17	26	24	27	30	41	44	61	61	28	35	38	41	36	38	36	39.7
	MIN	23	11	18	22	30	15	22	25	28	32	15	15	29	8	-2	-3	7	4	5	12	26	36	42	14	14	24	24	31	30	26	23	19.6
PEMBERTON 3 E	MAX	42	30	37	48	41	36	34	41	38	38	31	43	41	29	19	26	23	26	31	43	45	65	63	34	30	41	39	37	35	39	38	37.3
	MIN	19	12	17	25	28	17	21	23	27	30	16	15	27	11	1	12	-1	-16	3	6	35	41	34	16	19	26	28	50	30	29	29	19.7
PHILLIPSBURG	MAX	46	28	34	45	47	35	34	41	40	39	36	35	37	52	22	29	29	23	28	40	40	47	60	38	28	34	40	49	35	40	37	36.6
	MIN	22	2	8	22	26	3	23	28	28	32	4	2	15	0	-4	3	-4	-5	-5	6	31	37	27	14	21	25	29	29	30	26	26	16.3
PLAINFIELD	MAX	36	30	37	49	37	33	35	45	37	36	32	37	37	26	16	28	25	26	32	41	39	54	60	30	30	40	43	36	33	40	33	36.0
	MIN	17	11	19	25	25	16	25	25	28	24	14	16	21	11	1	10	2	-3	3	8	29	37	28	15	21	19	28	30	30	29	27	19.1
PLEASANTVILLE 1 N	MAX	50	34	30	35	49	39	35	35	40	41	40	31	41	43	25	23	29	21	29	33	44	48	60	58			44		38		39	38.2
	MIN	25	12	14	19	33	20	21	26	24	35	16	14	21	16	3	4	3	-3	0	8	9	56	40	14	16	19	27		32		30	18.4
RIDGEFIELD	MAX	32	27	34	46	36	30	34	43	37	35	29	37	36	24	12	23	24	25	33	39	39	54	58	29	32	37	42	35	37	39	34	34.6
	MIN	11	11	19	29	21	15	24	29	30	17	15	18	16	6	-1	6	4	1	11	11	35	38	18	14	23	23	28	29	31	28	31	19.1

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RUNYON	MAX	37	25	37	50	42	35	34	45	39	37	37	39	39	28	22	29	25	25	28	43	45	63	61	39	30	37	40	37	39	37	37	37.5
	MIN	25	10	17	23	27	16	24	19	25	32	11	9	17	11	0	6	-2	-16	-4	-4	39	38	30	14	15	25	28	28	27	26	28	17.3
SANDY HOOK LBSTA	MAX	40	21	33	42	37	32	34	43	37	40	35	37	35	27	20	25	25	23	29	39	40	50	52	29	30	36	38	36	35	37	39	34.8
	MIN	19	14	18	31	30	22	27	30	31	33	18	23	27	14	5	15	12	9	16	20	33	36	27	16	24	27	27	31	33	29	31	23.5
SOMERVILLE	MAX	41	29	36	48	39	33	33	43	37	37	31	37	36	25	19	28	22	26	30	41	39	49	81	28	29	38	42	36	34	39	34	35.5
	MIN	19	10	19	24	25	15	21	25	27	27	14	11	24	9	-1	8	-5	-10	0	2	28	35	21	14	19	21	28	29	30	26	28	17.5
SUSSEX 3 N	MAX	42	24	21	30	44	34	27	34	39	39	33	28	33	33	18	5	23	16	18	28	36	43	59	59	25	27	31	36	34	33	35	31.8
	MIN	17	6	11	17	22	7	7	13	22	30	8	10	16	-4	-10	-10	-6	-10	-10	-1	0	33	38	9	9	18	19	23	25	24	28	11.4
TRENTON 2	MAX				48	38	33	34	41	38	38	30	40	38	25	16	28	22	27	32	40	43	58	60	28	34	39	39	36	38	39	35	36.3
	MIN				29	25	17	26	28	30	22	18	20	21	12	2	11	8	5	12	13	37	40	20	16	24	30	32	31	31	30	32	22.2
TRENTON WB CITY	MAX	38	28	35	49	36	32	34	40	38	38	30	40	40	23	13	28	18	25	31	41	45	61	62	25	30	37	40	37	40	40	36	38.8
	MIN	15	14	22	29	26	17	26	30	29	22	18	21	19	7	2	11	8	5	12	15	38	43	19	16	23	29	33	30	31	32	32	21.7
TUCKERTON 2 SW	MAX																																
	MIN																																

DAILY SOIL TEMPERATURES

Station And Depth		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW BRUNSWICK EXP STA																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	32	31	32	34	33	31	31	33	32	32	32	31	32	30	27	30	31	29	29	30	31	37	44	32	31	32	31	32	32	32	32	31.8
	MIN	30	29	29	30	30	29	30	30	30	30	29	29	30	27	26	26	27	26	28	28	30	30	30	30	29	30	30	30	30	30	30	29.0
2 INCHES	MAX	33	32	32	33	32	32	31	32	32	32	32	31	32	31	29	30	31	30	30	30	31	32	38	32	31	31	32	32	32	32	32	31.8
	MIN	31	30	30	30	31	30	30	31	30	31	30	30	31	29	27	27	28	27	28	27	30	30	31	30	30	30	29	30	30	30	30	30.2
4 INCHES	MAX	33	32	32	32	32	32	32	32	32	32	32	32	32	31	31	30	31	30	30	30	31	32	35	32	31	31	32	32	32	32	32	31.6
	MIN	31	31	31	31	31	31	31	31	31	31	31	31	31	30	29	28	28	28	28	27	30	30	31	30	30	30	30	30	31	30	30	30.1
8 INCHES	MAX	36	35	34	35	35	33	34	34	33	34	34	34	34	34	32	31	32	32	32	32	32	32	33	34	33	33	33	33	33	33	33	33.4
	MIN	34	33	33	33	33	33	33	33	32	32	32	32	33	32	31	30	30	30	30	30	31	31	32	32	32	32	31	32	32	32	32	31.9
16 INCHES	MAX	38	38	37	37	36	36	37	36	36	36	35	36	35	35	35	34	34	34	34	34	35	34	34	34	34	34	34	34	33	34	35	35.2
	MIN	37	36	36	35	35	35	35	35	35	34	34	34	34	33	33	33	33	32	32	32	34	33	34	33	33	33	33	33	33	33	33	33.8
32 INCHES	MAX	42	42	41	41	41	41	40	40	39	39	39	39	39	40	38	38	38	37	37	37	37	37	37	37	37	38	37	38	38	38	38	38.4
	MIN	42	41	41	40	40	39	39	39	39	39	38	38	38	38	37	37	37	36	36	36	34	34	36	36	35	35	38	38	35	36	34	38.2

Measured under Kentucky Bluegrass.

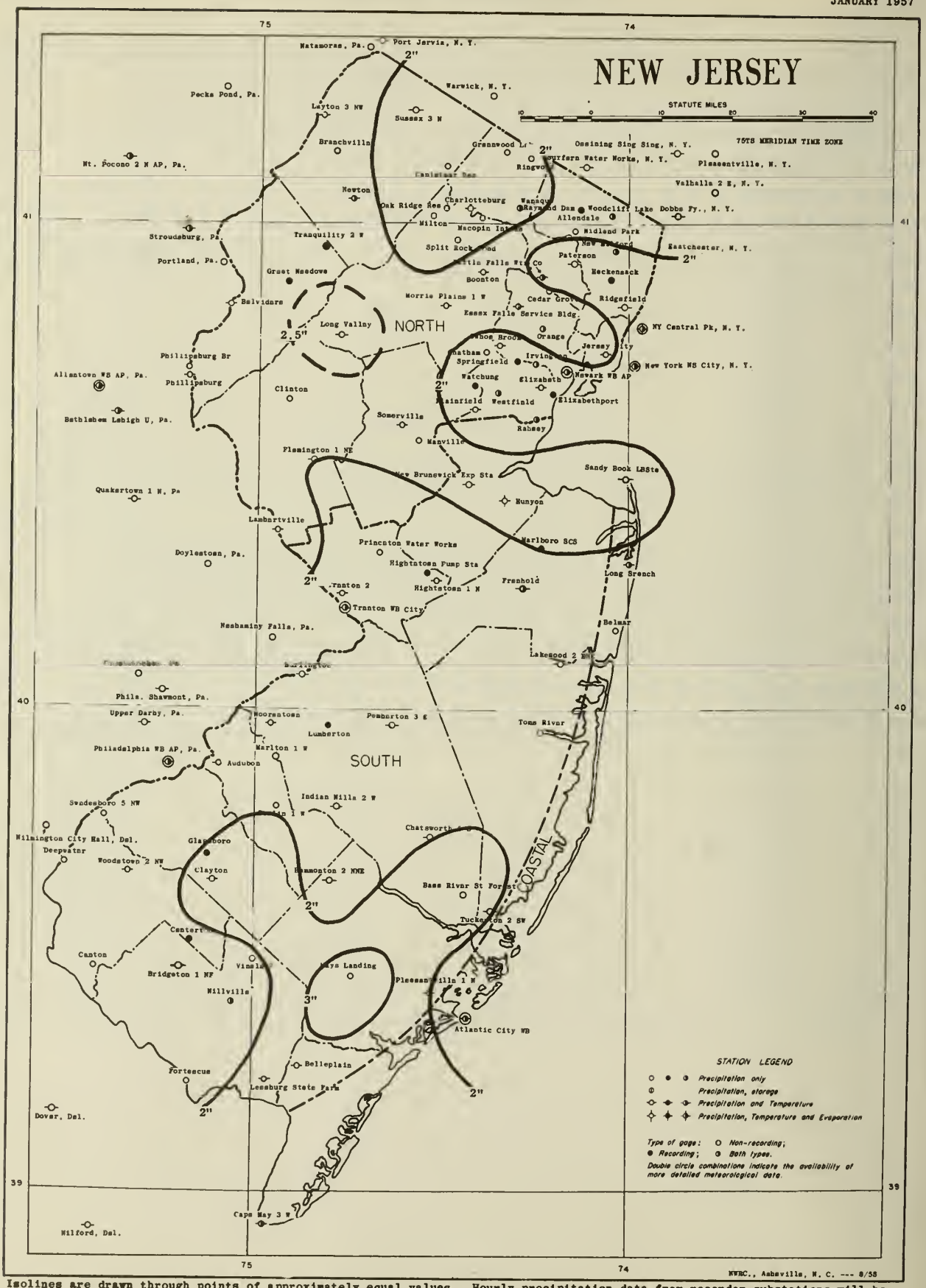
See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	SNOWFALL						T	.9		1.0					1.0	2.5	1.8		T							.4						.3
	SN ON GND							1	T	T					1	T	4	3	3	3	2	T				T	T					T
	WTR EQUIV																-	-	-	-	-											
BASS RIVER ST FOREST	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELVIDERE	SNOWFALL	T						.5		.5	T						2.5									.8		2.0				T
	SN ON GND							-	-	-	-						-	-	-	-						-	-	-				
CHARLOTTEBURG	SNOWFALL							1.0		.3	1.5	.5					3.5	.5									.5	1.0				
	SN ON GND							1	1	1	2	2	2	1	1	1	5	5	5	5	5	4	2				1	1	1	1	1	1
CLAYTON	SNOWFALL							.5		.6					1.0	.5	2.5									T						
	SN ON GND							T		T					1	2	3	2	2	1	T											
FLEMINGTON 1 NE	SNOWFALL	.8						1.0		1.0	2.0			T	T		2.0		T	T						1.0	T	2.0	T	T		.8
	SN ON GND	T	T					T		T	1	1	T	T	T		1	1	1	1	1	T				1	T	1	1	T		T
FREEHOLD	SNOWFALL							.8		1.3					.1		3.5									.2		.3				
	SN ON GND							1		T	T	T					4	4	4	3	2					T						
HIGHTSTOWN 1 N	SNOWFALL	T						.5		1.2	1.5			T	.1	2.5										.2		.4	T			T
	SN ON GND							T	T	T	T	T			T	2	2	2	2	2	1					T						
INDIAN MILLS 2 W	SNOWFALL	T					T	1.0		1.1	T				.9	T	1.9									.3			T			T
	SN ON GND							1	T	T					T	T	2	2	2	2	T					T						
LAMBERTVILLE	SNOWFALL							1.0		1.0	1.5				T	T	2.0									T		.1				
	SN ON GND							T		T	T					T	1	1	1	1	T	T				T		T				
LAYTON 3 NW	SNOWFALL							1.2		.5	2.7						3.1									1.6		3.0		T		2.5
	SN ON GND										2	2	2	2	2	2	5	5	5	5	5	2	T			2	1	2	2	2	2	3
LITTLE FALLS WATER CO	SNOWFALL							1.5		.3	.6	.3					3.0	.5									.8	1.0		.1		.1
	SN ON GND							2	1	1	1	1	1	1	1	1	4	4	4	4	4	3	1				1	1	T	T	T	T
LONG BRANCH	SNOWFALL	T					T	.7		1.2	T				.1	1.5	2.5									.2		.1	T			T
	SN ON GND							T	T							1	4	4	4	4	3	T				T						
LONG VALLEY	SNOWFALL							1.0			2.0						4.0									1.0		2.0				
	SN ON GND							-	-	-	-						-	-	-	-	-					-	-	-	-			
MAYS LANDING	SNOWFALL							1.5	T					2.0			3.0									.5						.5
	SN ON GND							-	-					-	-	-	-	-	-							-						-
MILLVILLE	SNOWFALL							1.0		.5					1.5		3.0									T						T
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOORESTOWN	SNOWFALL							.5	.2	1.2					1.6		2.2	T									T	T				
	SN ON GND							1	T	1					2	1	3	2	2	2	1	T						T				
MORRIS PLAINS	SNOWFALL	.1	T					1.0		.5	2.3						3.2		T							.5	.1	1.5	T	T		.1
	SN ON GND							1	T	T	T						3									1	1	2	T			
NEWARK WB AIRPORT	SNOWFALL	T					.3	.5		.4	.3			T	T	1.9	1.9									.8		1.7	T			T
	SN ON GND							1		T	T						3	3	2	2	1	T					T	1	T	T		
	WTR EQUIV																.2	.2	.2	.1												
NEW BRUNSWICK EXP STA	SNOWFALL							.7		1.0	.5						2.5									.3		1.0				
	SN ON GND							T		1	T						2	2	2	1	T					T		T				
NEWTON	SNOWFALL							1.0		T	2.0	1.0					3.0	T									1.0	1.0				
	SN ON GND							1		T	2	2	1	1	1	1	4	4	4	4	4	3	1				1	1	1	1	1	1
PATERSON	SNOWFALL							1.0		.3	.4	T				3.0	1.0										1.0	1.5				
	SN ON GND															3	3															
PEMBERTON 3 E	SNOWFALL							.8		1.0	T				.8		2.5									T						
	SN ON GND							1							1		3	3	3	2	T					T						
PHILLIPSBURG	SNOWFALL	T						.5		.5	.5		T	T	T		2.0		T			T				T	T	2.0	T	T		.5
	SN ON GND	T						1		T	T	T	T	T	T	T	2	2	2	2	T	T				T	T	2	1	1		1
PLAINFIELD	SNOWFALL	T						.7		1.0	1.5			T		.2	2.8									.8		1.7				T
	SN ON GND							T		T	T	T	T	T		T	3	2	2	2	1	T				1	T	1	1	T	T	T
RAHWAY	SNOWFALL	T					T	T		T	T			T		T	3.5									.3		1.8		T		T
	SN ON GND						T				T					T	3									T		2	T	T		
RIDGEFIELD	SNOWFALL	T					T	.8		.4	.2					1.0	4.0					1.0				.5		2.0				
	SN ON GND						T	1	T	T	T	T	T	T		1	5	4	4	3	2	1				1	T	2	1	T	T	T
SOMERVILLE	SNOWFALL	T						1.0		1.0	1.5						1.5									.7		2.0				T
	SN ON GND							T			T						2	2	1	1	1											
TRENTON WB CITY	SNOWFALL	T					.3	.5		2.0	T			T	.3	.9	.8		T							.2		.8	T			T
	SN ON GND							T	T	1	T	T			T	T	2	1	1	1	1	T					T	1		T		T
WANAQUE RAYMOND DAM	SNOWFALL							1.5		.2	1.5						3.2	.5									.7	1.2				
	SN ON GND							2	1	T	2	1					3	4	3	3	2											

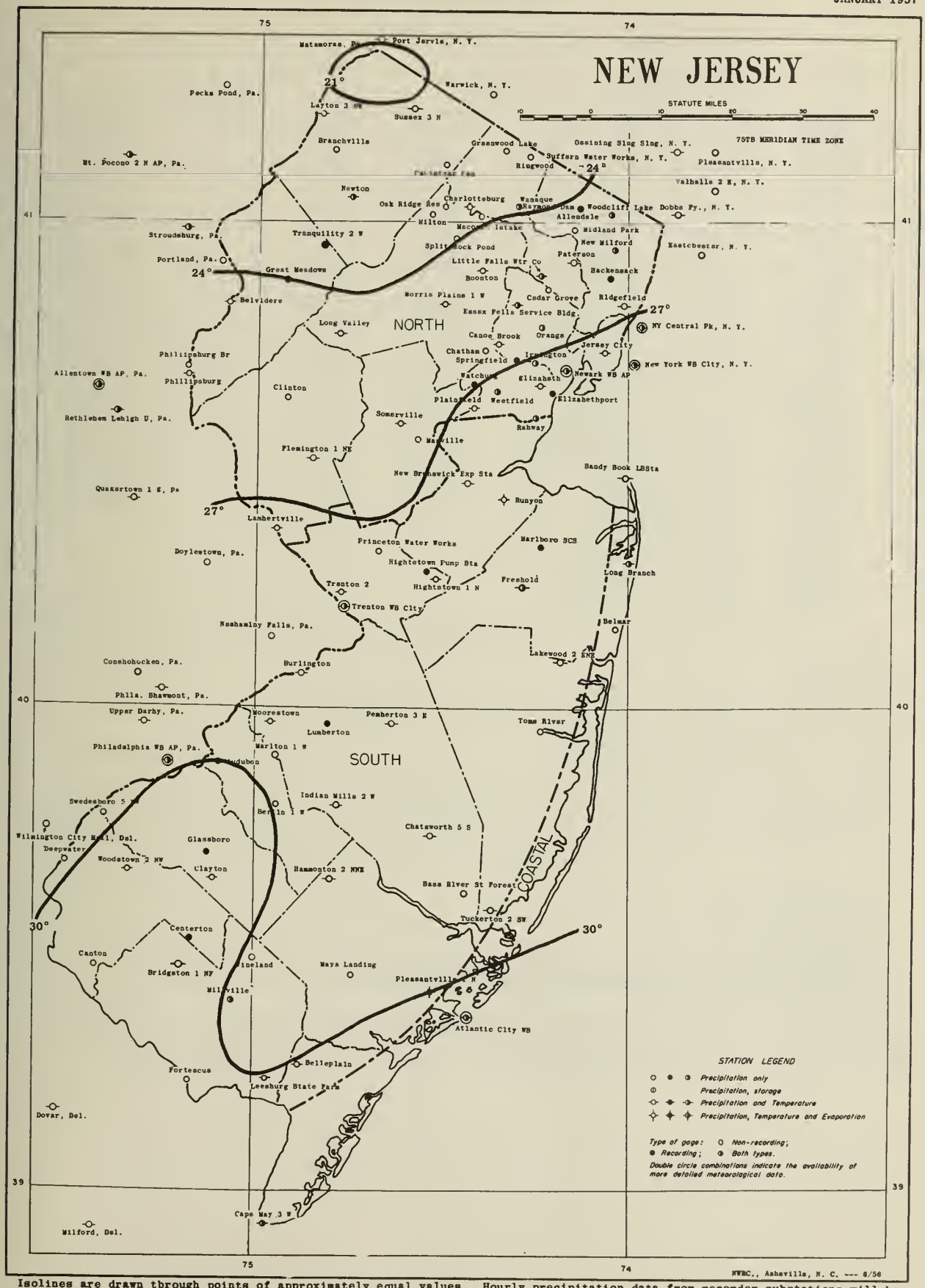
See reference notes following Station Index.

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication 'Hourly Precipitation Data'.

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication 'Hourly Precipitation Data'.

STATION INDEX

NEW JERSEY
JANUARY 1957

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MIO	BERGEN COUNTY ENGS	C
#ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MIO	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P	N.Y. FORESTRY SVC	3 7
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P	MRS. EO C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MIO	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P	MISS C. S. HIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A	SAMUEL H. MC CULLEY	3
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A	HENRY M. MILLER	3
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WTR WKS	2 3 5
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A	AMERICAN CYANAMID CO	3
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A	ALBERT M. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	39 28	75 25	10		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	N.WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	39 31	75 10	80		MIO	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P	WILLIAM S. HAINES	2 3 5
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MIO	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MIO	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A	JOHN LOPER	3
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150		MIO	PROF. J. B. SANGREE	C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	550		MIO	MICHAEL OZYOWSKI JR.	C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A	GEORGE T. WIGGINS	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MIO	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HUBBARD PANKHURST	2 3 5
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1600	8A	8A	H. J. DEPT. OF CONS.	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MIO	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MIO	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MIO	MIO	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	MIO	MIO	GEORGE G. WADDILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5 7
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. M. DEPUE	2 3 5 7
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	8A	8A	LEESBURG STATE FARM	2 3 5
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A	PASSAIC VLY WTR COMM	2 3 5 7 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MIO	MIO	STORM WARN. OSPL STA	2 3 5 7 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MIO	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A	NEWARK WATER DEPT	3
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A	ROBERT G. GLASGOW	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MIO	JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MIO	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P	DAVID GRISCOM	3
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P	ELMER EARLE	3 7
MIDLAND PARK	5503	BERGEN	8	40 59	74 09	210		MIO	CORNELIUS HOWARD	3
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60		MIO	L. J. GALLAMER	3 7 C
MILLVILLE AIRPORT	5581	CUMBERLAND	6	39 22	75 04	68	8A	8A	AIRPORT MANAGER	2 3 5
MILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MIO	8A	M. J. WILLARD	2 3 5 7
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MIO	MIO	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTHUR M. AHLQUIST	2 3 5 7 G
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MIO	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A	DAN A. COUGHLIN	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MIO	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. DOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5 7
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A	JOHN M. BERRYMAN	3
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR AK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MIO	PRINCETON WATER CO	3
RAHWAY	7393	UNION	9	40 36	74 15	20		MIO	RAHWAY VLY SWG AUTH	3 7 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MIO	MIO	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	W. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. MAYER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY O P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MIO	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A	BRICE B. STANTON	2 3 5
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MIO	M. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MIO	MIO	E. M. RISTON	2 3 5
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MIO	MIO	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8899	OCEAN	1	39 35	74 22	45	8A	8A	VERNON W. MOTT	2 3 5
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A	WATER SUPPLY COMM	3 7 C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MIO	BONNIE BURN SAN.	C
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A	ROBERT M. MANNERS	3
WESTFIELD	9455	UNION	9	40 39	74 21	135		5P	TOWN ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MIO	HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	9910	SALEM	2	39 40	75 20	16	6P	8A	WOODROW W. HALTER	INAC 2/56

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 8.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1821-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent samples published in Table 7 are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in the standard of time in local use.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- \- No record in Tables 3, 8, 7 and the Station Index. No record in Tables 2 and 5, is indicated by no entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.
- \+ And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- \# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- AM Data based on observational day ending before noon.
- 8 Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- G In the "Refer to Tables" column in the Station Index the letter "G" indicates that soil temperatures are published.
- M One to nine days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Information concerning the history of changes in location, elevations, exposure etc. of substations through 1955 may be found in the publication 'Substation History' for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, Annual for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC., Asheville, N. C. --- 3/19/57 --- 750

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

FEBRUARY 1957
Volume LXII No. 2

APR 22
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1957

WEATHER SUMMARY

GENERAL

The State's weather in February was warmer than usual in all divisions, and the divisional precipitation averages did not vary much from the long-term mean.

Temperature averages for the month ranged from 28.0° at High Point Park to 40.0° at Cape May 3 W, and all stations having long-term means reported positive departures ranging from +1.8° at Sussex 3 N to +5.7° at Runyon. The highest temperatures for the month occurred during the period 25th-28th, with over half the stations recording this value on the 27th. Hammonton 2 NNE topped the list with a reading of 72° on the 28th. Low readings were most predominant on the 3rd and 12th, and 3° on the 3rd at Layton 3 NW was lowest.

Precipitation averages for stations with long-term means were fairly well divided between positive and negative values. The range of monthly totals was from 1.57 inches at Deepwater to 4.01 inches at Atlantic City WB. The 26th and 27th were the most outstanding dates for the greatest daily amounts, with a measurement of 1.54 inches at Paterson on the 27th topping the list. Flemington 1 NE reported 13.0 inches for the greatest total snowfall for the month, however several more stations recorded total amounts exceeding 10.0 inches. Atlantic City WB and Trenton WB City both showed a deficiency in the percentage of possible sunshine, and this was reflected in the greater than usual daytime cloudiness.

WEATHER DETAILS

Temperatures for the first three days of the month did not depart from seasonal levels enough to be worthy of special mention. On the 4th rising temperatures occurred with readings more than 10° above the long-term average, and the period that followed from the 5th to 10th inclusive, positive values prevailed. This warm spell was replaced by slightly cooler weather on the 11th, 12th, and 13th. From the 14th to 27th inclusive, there was considerable fluctuation in temperatures, but daily departures were mostly on the positive side. The most outstanding departures during this period occurred on the 25th, 26th, and 27th when average readings ranged well above seasonal means. Late on the 27th an eastward moving high pressure system began to bring cooler weather to the State, and the month ended with average temperatures slightly below the long-term value.

During the first half of the month precipitation occurrences were rather frequent, but daily measurements were not too great, ranging mostly from very light to moderate. There were also several days during this part of the month on which some snow fell, and some stations reported several inches on the 1st. Most of the precipitation which occurred durin the last half of February fell on the 26th, 27th, and 28th, with many stations reporting their greatest daily amount on the 26th or 27th. Light falls of sleet and snow were reported on the 28th.

WEATHER EFFECTS

Field activity during February was fairly limited. Some plowing was done and a few onions were set out in South Jersey. Some fruit growers completed pruning and vegetable growers made progress in getting hot beds in shape and starting early season plants under glass. The 5.0 inch snowfall at Trenton on the 1st was the greatest of the winter thus far, and resulting slippery conditions produced many traffic accidents. Winds of the 17th and 20th caused minor damage in the Trenton area.

DESTRUCTIVE STORMS

Over the entire State, except the extreme SE coast, freezing rain, sleet and snow occurred during the afternoon and night of February 28th and morning of March 1st. The direction of advance was northeastward. The accumulation of sleet and snow was up to 2 inches in the north. The principal damage was to trees, power lines, telephone wires and poles. Many traffic accidents were also reported.

FLOODS

The Weather Bureau Office at Atlantic City reported that February weather was climaxed by a northeast storm on the 28th with minor flooding occurring as a result of high tides on the evening of the 28th.

Franklin W. Long, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

CLIMATOLOGICAL DATA

NEW JERSEY
FEBRUARY 1957

TABLE 2

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No of Days: 1.0 or More	.50 or More	1.00 or More
NORTHERN																								
BELVIDERE		43.5	27.5	35.5	4.3	56	26+	11	3	819	0	0	21	0	2.00	- 1.03	.56	26	6.3			8	1	0
BOONTON 2 SE	AM	41.9	25.2	33.6	4.3	57	28	15	12+	873	0	1	26	0	2.63	.06	1.24	27				4	2	1
CANOE BROOK	AM	43.4	24.6	34.0	4.7	57	28	14	12	860	0	1	26	0	2.98	.16	1.30	27	8.4	8	2	5	3	1
CHARLOTTEBURG	AM	41.1	21.6	31.4	2.2	57	26+	6	3	935	0	3	26	0	2.66	- .36	1.02	27	6.6	6	2	5	2	1
ELIZABETH		45.1	28.3	36.7	3.5	60	27	15	3	785	0	0	22	0	2.84	- .22	.70	27	7.5	5	2	7	1	0
ESSEX FELLS SERV BLDG	AM	44.8	29.7	37.3		62	27	13	12	775	0	1	19	0	2.57		.93	27	7.5	8	2			0
FLEMINGTON 1 NE		43.8	25.8	34.8	2.5	57	25+	5	3	837	0	1	23	0	2.42	- .21	.47	9+	13.0	8	1	7	0	0
HIGH POINT PARK		36.0	20.0	28.0		53	26+	5	12+	1029	0	11	27	0	1.81		1.03	27				3	1	1
JERSEY CITY		41.5	29.8	35.7	3.0	57	27	16	12	812	0	2	19	0	2.42	- .34	.96	26				6	2	0
LAMBERTVILLE		43.8	27.9	35.9	3.6	60	27	15	3+	809	0	0	22	0					6.5	5	2			
LAYTON 3 NW		42.1	20.7	31.4	5.0	55	25	3	3	934	0	1	27	0	2.41	.13	.57	2	10.9	5	1+	6	1	0
LITTLE FALLS 1 E	AM	45.0	26.4	35.7	4.2	60	28	15	3+	814	0	0	26	0	2.73	- .20	1.29	27	8.4	7	2+	5	2	1
LONG VALLEY		42.7	25.8	34.3		57	27	4	3	854	0	0	21	0	D3.08	.22	.92	26	7.0			5	3	0
MORRIS PLAINS		43.2	26.4	34.8		55	27	9	3	840	0	1	23	0	2.66		.81	27	8.1	3	1+	8	2	0
NEWARK WB AIRPORT	R	43.8	29.0	36.4	4.7	61	27	18	12	795	0	0	2	0	2.77	- .33	1.13	26	8.8	6	2	7	2	1
NEWTON	AM	40.6	23.0	31.8	3.7	53	27+	7	3	923	0	4	27	0	2.07	- .44	.72	27	6.0	4	2	5	2	0
PATERSON	AM	44.6	28.4	36.5	4.5	60	28	16	12+	791	0	1	22	0	3.56	.66	1.54	27	9.0	9	2	5	3	1
PHILLIPSBURG		45.2	27.7	36.5	5.6	60	27	10	3	790	0	0	2	0	2.11	- .89	.45	9+	7.0	7	2	7	0	0
PLAINFIELO		43.6	28.3	36.0	3.6	57	27	16	3	807	0	0	21	0	2.34	- .50	.67	26	8.9	8	1	6	2	0
RIDGEFIELO		43.3	27.7	35.5	4.2	60	26	15	12	820	0	1	2	0	2.75	- .14	.95	26	8.7	8	1	6	3	0
SOMERVILLE		43.3	26.6	35.0	3.1	57	26+	10	3	835	0	1	22	0	2.02	- .62	.54	26	9.2	6	2	7	1	0
SUSSEX 3 N	AM	40.0	21.7	30.9	1.8	54	28	7	3	946	0	4	26	0	2.18	- .56	.75	27	7.5	6	2	5	2	0
OIVISION				34.4	3.6										2.52	- .28			8.2					
SOUTHERN																								
AUDUBON		46.0	30.5	38.3		64	27	19	12	742	0	0	20	0	3.10		.82	10	2.0	1	1	6	4	0
BELLEPLAIN		48.9	29.6	39.3		65	27	19	22	714	0	0	21	0	3.11	.11	.51	10				10	2	0
BRIOGETON 1 NE	AM	46.7M	29.0M	37.9M		65	28			751	0	0	23	0	2.71		.78	27				5	3	0
BURLINGTON		46.1	30.9	38.5	3.7	62	27	19	12	735	0	0	19	0	2.67	- .07	.67	10				8	2	0
CHATSWORTH 5 S																								
CLAYTON		46.5	31.3	38.9		64	27	19	12	725	0	0	16	0	2.25		.87	10	T	0		7	1	0
FREEHOLO		44.8	29.1	37.0	4.2	64	25	16	12	779	0	0	20	0	3.18	.23	.80	27	11.3	5	2			0
HAMMONTON 2 NNE	AM	46.1M	30.2M	38.2M	3.8	72	28	18	12	745	0	2	19	0	3.02	- .04	1.04	10				5	3	1
HIGHTSTOWN 1 N		44.3	28.8	36.6	3.9	62	27	14	3	792	0	0	22	0	2.30	- .29	.40	9	6.3	3	1+	6	0	0
INOIAN MILLS 2 W		46.3	28.4	37.4	3.6	65	25	17	12+	768	0	0	22	0	3.23	.31	.97	10	1.5	T	2+	7	3	0
LAKEWOOO 2 ENE																								
LEESBURG STATE FARM	AM	44.4	28.4	36.4		60	27+	17	3	794	0	1	22	0	3.11		.84	27				9	2	0
MILLVILLE AIRPORT	AM	46.3M	30.0M	38.2M		64	28	20	12	750	0	0	21	0	2.37		.66	2				6	3	0
MOORESTOWN		44.3	29.6	37.0	3.8	64	27	19	12	778	0	1	23	0	2.75	.18	.92	10	4.8	3	2	5	3	0
NEW BRUNSWICK EXP STA		44.4	28.1	36.3	3.7	60	27	15	12	797	0	1	22	0	2.51	- .09	.49	27	10.8	5	2	7	0	0
PEMBERTON 3 E		46.7	29.1	37.9	3.7	65	25	18	12	752	0	0	22	0	3.07	.45	.78	10	3.5	2	1	8	1	0
PLEASANTVILLE 1 N	AM	46.0	27.9	37.0	3.2	65	28	19	18	776	0	0	23	0	3.14	- .11	1.08	10				7	3	1
RUNYON		46.9	26.5	36.7	5.7	61	27	10	3	789	0	0	23	0	2.44	- .43			7.0					0
TRENTON 2		44.1	29.8	37.0		63	27	18	12	779	0	0	19	0	3.02	.16	.98	26	7.9	6	1	5	2	0
TRENTON WB CITY	R	43.3	30.4	36.9	4.2	62	27	18	12	783	0	0	20	0	2.86	.20	.77	26	6.7	5	2	5	3	0
TUCKERTON 2 SW	AM																							
OIVISION				37.5	3.8										2.82	.03			5.6					
COASTAL																								
ATLANTIC CITY WB	R	44.4	33.4	38.9	3.5	61	27	25	12+	721	0	0	13	0	4.01	.77	.77	28	1.0	T	6+	9	3	0
CAPE MAY 3 W		46.7M	33.3M	40.0M		61	27	23	12	692	0	0	15	0										
LONG BRANCH		43.4	29.5	36.5	3.6	62	27	23	12+	793	0	0	23	0	2.83	- .54	.77	26	8.0	5	1+	7	2	0
SANOY HOOK LBSTA		41.7	31.3	36.5	3.5	52	27	20	12	790	0	0	18	0	2.36	- .14	.55	9	5.1	5	2	7	1	0
OIVISION				38.0	3.9										3.07	.11			4.7					

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Percent of time from prevailing	Wind speed m. p. h.: Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Relative humidity averages percent: 1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Number of days with precipitation: Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB	-	-	14.9	58	NE	28	-	-	-	-	4	4	6	3	0	0	17	39	7.8
LONG BRANCH	NW	20	13.3	38	N	10	-	78	84Ø	72	4	3	5	2	0	0	14	53	7.3
NEWARK WB AIRPORT	SW	12	9.2	29++	NW	10+	73	74	60	89	1	4	5	1	1	0	12	-	7.1
TRENTON WB CITY	-	-	8.5	31	NW	20	-	-	-	-	4	8	2	3	0	0	17	40	7.3

Ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
FEBRUARY 1957

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
ATLANTIC CITY WB R	4.01	.60	.01	.27		.09	.17	.02		.60	.45		T	T	.08	T	T			.21							.43	.22	.77			
AUDUBON	3.10	.59		.10	T	T	.15	T		.77	.82			T			T							T			.67		T			
BASS RIVER ST FOREST	3.50	*	*	*	.91		.11		T	.00	1.09				.29												.14	.55	.32			
BELLEPLAIN	3.11	.38	.20	.20			.24			.50	.51										.24						.20	.24	.40			
BELMAR	3.38	.61	.02	.13	.08	.01	.14	.14		.54	.58		T	T			T										.85		.28			
BELVIDERE	2.00	.20	.10	.11	.18		.01			.43	.21	T		.05	.01		.04										.56	.10				
BERLIN 1 W	2.75	.35	.50							.80	.65																	.75				
BLACKWELLS MILLS	2.32	.13	.48	.02	.24	.03	.04				.68			T	.02	.04		.03										.61				
BOONTON 2 SE	2.63	.09	.40		.19						.61			.02	.04	.02		.02										1.24				
BOUND BROOK 1 W	2.72	.80	.37		.26		.02				.57			T	.01	T		T										.69				
BRANCHVILLE Ø	2.75	.13	.29		.27						.79			0.20	.10	.03		.05										.87				
BRIDGETON 1 NE	2.71	.17	.65		.09	.01	.13				.74									.05	.06							.78	.03			
BURLINGTON	2.67	.11	.32	.05	.15		.11			.32	.67	.05		.05			.05										.58	.19	.02			
CANISTEAR RESERVOIR	2.42	.11	.36		.27	T					.80		T	T	.10	.05		.02										.71				
CANOE BROOK	2.98	.10	.53		.30		T				.60			.01	.05	T		T										1.30				
CANTON	3.61	.54	.65				.08			.16	.53																	.95	.70			
CAPE MAY 3 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CEDAR GROVE	2.50	.13	.38								.57			.05														1.46				
CHARLOTTEBURG	2.66	.11	.45		.26						.65			.02	.06	.07		.02										1.02				
CHATHAM	3.00	.11	.68		.33		.01				.71			T	.07			.02										1.07				
CHATSWORTH 5 S		RECORD MISSING																														
CLAYTON	2.25	.14	T	.07			.11	T	T	.15	.87			.01	T	.05	.15			T							.42	T	.28			
CLINTON	2.26	.30	.26	.12	.14		.02			.44				.20	.05		.04										.50	.19				
DEEPWATER	1.57	.28						T		1.00	.21																		.08			
ELIZABETH	2.84	.32	.43	.05	.15		.02			.47	.16			.05	.03		.02										.44	.70				
ELIZABETHPORT	2.48	.49		.07	.14					.44	.14		T	.06	T		T										1.10		.04			
ESSEX FELLS SERV BLDG	2.57	*	.78		.35						.51			T														.93				
FLEMINGTON 1 NE	2.42	.41	.10	.06	.20		.04	T		.47	.13	T		.06	.06	.02	.02	T						.01			.47	.36	.01			
FORTESCUE	2.72	.10	.53		.09		.28			.10	.65										.14							.60	.23			
FREEHOLD	3.18	*	.68				.00			.42	.57			.05			.02										.45	.80	.10			
GREENWOOD LAKE	2.61	.10	.38		.20						.77			T	.09	T		.02										1.05				
HAMMONTON 2 NNE	3.02	.21	.73			.00	.15				1.04						.05											.75				
HIGH POINT PARK	1.81	.08	.22	.08	.09						.19			T	.04	.03	T	.05										1.03				
HIGHTSTOWN 1 N	2.30	.30	.20	.05	.08		.07			.40	.36			.03	.01		T	T						T			.38	.39	.03			
INDIAN MILLS 2 W	3.23	.50	.30	.08	T		.17	T		.26	.97			.01	T	.02	.01			T				T			.67	.02	.22			
IRVINGTON	2.55	.37		.10	.12		.01				.55			.10			.02										1.20	.03	.05			
JERSEY CITY	2.42	.52	.12	.15						.44	.18			.05													.96		T			
LAKEWOOD 2 ENE		RECORD MISSING																														
LAMBERTVILLE	-	.34	.10	.07	-		.07			.43	.17			.03			.02							T			.74	.19	T			
LAYTON 3 NW	2.41	.31	.57	.02	.01					.33	.31			.03	T		.08										.38	.37				
LEESBURG STATE FARM	3.11	.11	.54		.11	.26				.42	.45										.11							.84	.27			
LITTLE FALLS 1 E	2.73	.14	.45		.23						.56			.01	.05			T										1.29				
LONG BRANCH	2.83	.62	T	.11	.07	.01	.06			.48	.37			.11	T		T							T			.77		.23			
LONG VALLEY Ø	3.08	0.70		.45			.05			.50	.25			.08	.05		.08										.92					
MACOPIN INTAKE	2.50	.11	.46		.21						.60	T		.02	.05	.03		T										1.02				
MAHWAH	2.60	.22	.27		.21						.69			.01	.04			.03										1.13				
MANVILLE	1.91	.60	.25	.02	T		.03			.44	.10			T													.47		T			
MARLTON 1 W	3.19	.80		.02	.03		.10			.29	.90			.05			.05										.26	.50	.10			
MAYS LANDING	2.56	.50	.20	.10			.20			.20	.15									.10							.25	.30	.56			
MIDLAND PARK	-		.48	.07	.13					.41	-			.01	.06		.03											1.32				
MILLVILLE	2.95	.70		.09		.10	.08			.50	.27			.01						.08							.56	.04	.52			
MILLVILLE AIRPORT	2.37	.12	.66		.06				.01	.11	.63				.03						.14							.55	.06			
MILTON	2.74	.10	.44		.31						.76			.04		.08		.03									.09	.89				
MOORESTOWN	2.75	.21	.62		.05		.06	.03	T	.16	.92	T		T	T	T		T						T				.70				
MORRIS PLAINS	2.66	.27	.27	T	.28		T			.52	.12	T		.10	T		.03				T					T	.26	.81	T			
NEWARK WB AIRPORT R	2.77	.65		.11	.11		.01			.42	.16			.10	T		.01										1.13	.01	.06			
NEW BRUNSWICK EXP STA	2.51	.31	.31	.08	.20		.03			.47	.10			.05	.02		.02	T						T			.43	.49	T			
NEW MILFORD	2.54	.50		.08	.14					.42	.18			.02													1.16		.04			
NEWTON	2.07	.11	.30		.21						.64			T	.05			.04										.72				
OAK RIDGE RESERVOIR	2.98	.18	.58		.33						.83			.02	.06	.03	T	.05										.90				
OLDWICK	2.50	.14	.56		.30		.02				.67			.01	.05			.02										.73				
ORANGE	2.89	.04	.41		.34					.06	.62			.05	.04													1.33				
PATERSON	3.56	.42	.65		.23		T				.68		T	T	.04	T		T										1.54				
PEMBERTON 3 E	3.07	.47	.34	.06	.05		.16			.31	.78			.01	.01	.03	.01										.34	.32	.18			
PHILLIPSBURG	2.11	.14	.32	T	.43		T			.45	.11			.06	T		T							T			.15	.45				
PHILLIPSBURG BRIDGE	2.53	.27	.72		.05		.04				.62						.06											.77				
PLAINFIELD	2.34	.65	.03	.08	.12		.01			.40	.23			.05	T		T	T						T			.67	.10	T			
PLEASANT RUN	2.30	.14	.41		.39		.05			.16	.48			.03	.06	.07		.04										.47				
PLEASANTVILLE 1 N	3.14	.12	.64		.26		.25	.02		T	1.08				T	.08		T			.15							.54				
PRINCETON WATER WORKS	2.25	.04	.02		.05	.03		.05		.45	.27			.01	.02												.66	.02	.03			
RAHWAY	2.34	.29		.08	.12		T			.46	.15			.07	T		T										1.09		.08			
RIDGEFIELD	2.75	.71	T	.13	.19		T			.50	.18			.05	.02		T										.95	T	.02			
RINGWOOD	2.62	.38	.39		.16						.62			.01	.03													1.03				
RUNYON	2.44	*	.68	.20						.20	.22			.04													.46	.64				
SANDY HOOK LBSTA	2.36	.40	.11	.09	.16		T			.55	.18			T	T		.04	.04									.45	.34				
SOMERVILLE	2.02	.35	.15	.06	.14		.03			.43	.14			.05	T		.01										.54	.12	T			
SPLIT ROCK POND	2.65	.14	.38		.30						.61			.01	.05	.05		.04										1.07				
SUSSEX 3 N	2.18	.11	.20		.19						.73			.06	.05	T		.09									T	.75				
SWEDESBORO 5 NW	2.99	.13	.60	.01	.04		.12	T		.28	.81			T	T	.02	T										.15	.83				
TOMS RIVER	-	.35					.26			.37	-																.28	.45	.23			
TRENTON 2	3.02	.74		.04	.12	.09	.05	T		.42	.41	T		.04	T		.05							T			.98	.01	.07			
TRENTON WB CITY R	2.86	.68		.05	.09	.06	.05	T		.55	.28	T	T	.03	.02		.02							T			.77	.01	.25			
TUCKERTON 2 SW		RECORD MISSING																														
VINELAND	2.61	.15	.69		.08		.13	T	T		.78			T	T						.01							.77				
WANAQUE RAYMOND DAM	2.67	.13	.43		.22						.62			.02	.04													1.21				
WERTSVILLE	2.03	.10	.38		.22	T	.06			T	.56			T	.02	T												.69	T			
WESTFIELD	2.91	.68		.11	.14		.02			.44	.19			.06	.01	.02											1.14	.06	.04			
WOODCLIFF LAKE	2.58	.50		.08	.14					.42	.18			.02													1.20		.04			

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	39	42	43	54	41	39	44	44	46	53	35	34	39	43	41	42	37	46	50	40	43	44	56	44	51	53	61	38				44.4
	MIN	36	32	37	40	31	33	37	35	37	34	30	25	32	28	32	33	30	27	32	25	26	29	39	38	40	46	38	34				33.4
AUDUBON	MAX	37	40	39	56	43	39	41	45	48	51	38	38	38	46	45	41	37	48	49	40	45	50	50	54	60	60	64	45				46.0
	MIN	30	27	26	37	30	30	37	30	31	38	28	19	29	28	28	29	28	26	33	24	25	24	28	33	35	50	44	27				30.5
BELLEPLAIN	MAX	41	41	44	53	52	39	45	46	51	53	46	36	45	43	45	44	41	50	53	52	46	52	56	55	63	60	65	52				48.9
	MIN	35	32	24	39	30	31	36	40	26	45	25	20	29	22	30	22	28	20	22	23	22	19	23	28	30	51	45	32				29.6
BELVIDERE	MAX	33	43	42	48	42	40	40	40	40	43	38	38	34	39	47	47	36	45	50	38	45	48	48	52	52	56	56	37				43.5
	MIN	26	25	11	33	27	29	33	36	26	35	26	20	25	31	25	27	25	25	36	23	25	22	27	31	31	35	36	20				27.5
BOONTON 2 SE	MAX	34	33	49	38	49	37	38	41	46	45	49	36	35	32	35	43	35	36	41	47	34	41	46	45	47	52	55	57				41.9
	MIN	29	26	16	18	30	28	30	34	25	29	22	15	15	21	26	24	26	23	25	23	23	21	26	29	29	32	41	20				25.2
BRIDGETON 1 NE	MAX	38	38		46	52	37	38	41		44	50		36	42	46			44	50	50	41	43	48	52	55	58	61	65				46.7
	MIN	33	30		24	30	30	31	34		26	25		19	23	28			28	33	23	18	24	25	26	31	43	53	31				29.0
BURLINGTON	MAX	39	39	43	57	48	43	40	41	48	57	49	37	35	38	39	42	36	44	41	38	44	50	51	57	60	60	62	58				46.1
	MIN	30	28	30	34	29	31	35	33	29	39	31	19	28	21	30	26	28	33	38	24	31	26	37	33	30	46	46	27				30.9
CANOE BROOK	MAX	34	32	41	43	52	38	47	47	46	42	41	37	34	33	37	45	37	36	45	49	36	44	48	50	51	56	56	57				43.4
	MIN	26	25	15	27	24	27	31	28	22	29	20	14	20	24	22	20	28	24	29	24	19	16	24	28	26	35	41	22				24.6
CAPE MAY 3 W	MAX		42	41	46	45	40	43	44	47	50	43	36	46		47	42	43	47			47	44	55	50	53	56	61					46.7
	MIN		32	29	37	32	31	36	35	35	40	29	23	31		28	34	31	33			26	28	32	36	39	46	44					33.3
CHARLOTTEBURG	MAX	33	32	36	40	49	35	39	42	45	42	44	35	33	29	33	43	34	33	42	46	31	40	47	45	52	57	57	57				41.1
	MIN	27	21	6	18	24	24	28	32	20	27	19	9	10	19	19	17	22	23	25	20	19	17	19	29	27	33	36	16				21.6
CHATSWORTH 5 S	MAX																																
	MIN																																
CLAYTON	MAX	36	39	39	49	45	38	40	43	42	52	48	36	48	44	43	40	43	49	48	42	45	48	50	53	63	60	64	56				46.5
	MIN	32	34	27	39	33	33	36	31	29	33	26	19	28	29	31	33	29	24	30	24	24	24	35	33	37	49	46	27				31.3
ELIZABETH	MAX	35	42	37	52	45	40	43	46	43	46	40	34	33	39	47	40	39	46	55	41	47	48	51	51	57	56	60	49				45.1
	MIN	29	27	15	34	27	29	35	28	26	37	25	18	24	30	26	25	27	25	36	24	22	26	27	32	29	40	48	22				28.3
ESSEX FELLS SERV BLDG	MAX	36	32	42	45	52	40	44	44	50	52	45	45	38	36	38	44	38	36	44	48	34	40	46	48	59	60	62	55				44.8
	MIN	26	28	30	36	26	30	34	36	35	38	28	13	16	22	26	28	26	24	28	22	22	26	30	34	36	50	55	26				29.7
FLEMINGTON 1 NE	MAX	34	40	36	50	46	41	41	47	43	48	38	35	31	41	44	42	36	46	50	38	43	47	45	51	57	54	57	45				43.8
	MIN	26	25	5	33	23	28	33	29	22	37	25	14	20	30	26	22	26	22	32	22	22	16	22	32	26	35	48	21				25.8
FREEHOLD	MAX	35	39	40	48	44	39	42	43	48	50	38	33	34	41	44	39	38	46	49	42	44	49	48	49	64	61	62	46				44.8
	MIN	29	27	20	34	26	29	34	30	27	37	25	16	27	28	29	27	26	23	35	22	20	25	29	35	33	50	46	26				29.1
HAMMONTON 2 NNE	MAX	39	36	40	42	54	37	41	44		52	57	32	31	42	41	42	41	40	46	54	44	50	45	44	51	65	63	72				46.1
	MIN	33	30	26	36	34	31	32	32		34	28	18	23	28	30	25	28	33	33	24	22	24	32	33	32	44	39	31				30.2
HIGH POINT PARK	MAX	29	25	26	38	41	30	35	39	39	36	46	31	31	26	28	39	30	27	38	36	25	33	41	44	45	53	53	45				36.0
	MIN	19	18	13	26	18	20	26	27	25	28	21	5	11	15	19	20	17	21	23	14	5	16	23	22	25	30	43	11				20.0
HIGHTSTOWN 1 N	MAX	34	38	35	47	44	39	41	45	42	48	42	33	34	42	44	40	36	46	50	41	44	46	47	51	58	60	62	50				44.3
	MIN	30	27	14	33	26	29	34	29	26	40	26	17	26	29	29	26	27	24	37	23	21	23	30	30	32	44	50	24				28.8
INDIAN MILLS 2 W	MAX	35	39	39	55	46	38	42	45	50	50	41	35	40	45	43	40	36	49	50	41	43	50	50	55	65	62	63	48				46.3
	MIN	32	29	21	35	27	30	35	29	22	39	24	17	28	27	28	23	26	18	36	23	20	17	24	28	30	49	48	29				28.4
JERSEY CITY	MAX	35	37	37	49	36	39	46	44	44	43	35	31	32	37	42	37	36	44	49	35	44	41	46	45	54	54	57	34				41.5
	MIN	28	26	26	35	29	31	36	35	35	30	24	16	25	30	28	31	28	27	30	24	23	27	35	34	37	48	34	21				29.8
LAKEWOOD 2 ENE	MAX																																
	MIN																																
LAMBERTVILLE	MAX	34	38	34	50	44	39	40	45	39	48	40	36	34	43	44	37	36	47	49	39	44	47	48	50	56	57	60	47				43.8
	MIN	30	27	15	33	25	30	34	29	26	34	27	15	27	31	25	24	27	23	33	24	24	20	26	30	30	40	47	24				27.9
LAYTON 3 NW	MAX	33	38	37	50	43	40	40	45	42	40	40	36	30	35	46	45	34	45	43	33	41	46	50	50	55	50	53	38				42.1
	MIN	20	20	3	31	19	28	23	29	18	29	23	4	17	26	16	19	14	14	30	10	12	13	23	28	28	30	35	18				20.7
LEESBURG STATE FARM	MAX	39	39	38	42	53	38	41	43	40	49	51	30	36	44	41	44	36	34	44	51	40	44	44	53	50	59	60	60				44.4
	MIN	34	32	17	30	31	31	32	33	29	35	26	20	22	23	25	26	29	22	26	24	24	26	26	28	29	39	43	33				28.4
LITTLE FALLS 1 E	MAX	36	34	45	40	54	39	42	44	49	46	47	38	36	34	38	47	39	38	46	52	38	46	48	52	54	59	58	60				45.0
	MIN	29	25	15	22	27	31	32	31	25	29	23	15	21	24	26	24	26	26	30	24	23	21	29	32	30	37	42	21				26.4
LONG BRANCH	MAX	36	39	39	50	43	39	45	42	48	50	35	34	34	40	42	39	35	46	48	36	43	42	49	43	57	55	62	44				43.4
	MIN	30	25	24	36	29	30	36	28	27	31	27	23	23	32	30	28	29	25	30	24	24	29	31	33	34	48	32	27				29.5
LONG VALLEY	MAX	36	40	41	50	42	40	39	45	39	45	35	35	33	36	44	39	36	42	48	35	42	46	47	51	53	54	57	45				42.7
	MIN	26	24	4	33	24	30	33	36	24	36	24	12	22	28	24	20	23	24	34	21	23	19	23	29	30	33	42	20				25.8
MILLVILLE AIRPORT	MAX	39	38		44	53	38	41	43	44	52	52	36	34	42	46			44		50	40	43	48		50	61	61	64				46.3
	MIN	33	31		25	29	31	33	31	26		27	20	25	23	34			39		26	26	21	25		28	45	51	32				30.0
MOORESTOWN	MAX	35	38	39	53	37	39	41	44	46	50	34	37	38	45	44	40	37	48	48	39	43	48	47	53	61	60	64	32				44.3
	MIN	30	24	27	38	30	30	36	30	29	32	26	19	30	29	29	30	29	26	31	24	24	22	30	32	41	47	36	27				29.6
MORRIS PLAINS	MAX	34	40	38	50	47	39	41	45	45	46	38	34	30	34	45	42	35	43	48	39	42	46	48	51	54	54	55	47				43.2
	MIN	27	24	9	30	27	28	32	34	23	36	24	14	20	28	25	22	25	23	37	22	22	19	25	30	28	37	47	20				26.4
NEWARK WB AIRPORT	MAX	36	41	39	52	38	42	43	48	44	46	38	33	33	38	46	38	39	46	53	37	46	46	51	47	56	55	61	33				43.8
	MIN	28	26	22	36	30	31	36	33	29	30	24	18	24	30	30	28	28	26	29	25	25	27	31	35	34	45	30	22				29.0
NEW BRUNSWICK EXP STA	MAX	35	38	37	48	45	40	41	45	43	50	42	35	32	40	44	40	37	46	50	41	44	47	48	49	58	57	60	50				44.4
	MIN	28	27	16	33	27	29	34	29	25	39	25	15	24	30	28	25	26	24	35	22	21	24	28	32	31	43	46	22				28.1
NEWTON	MAX	34	30	37	39	48	34	38	40	44	44	44	34	32	31	33	44	35	34	42	45	32	40	46	48	50	52	53	53				40.6
	MIN	27	22	7	17	24	26	29	29	23	23	25	11	12	22	22	23	24	24	27	21	18	17	22	29	31	32	39	17				23.0
PATERSON	MAX	37	35	45	41	53	39	41	45	45	48	47	38	38	32	38	45	39	39	45	52	37	45	47	52	50	58	58	60				44.6
	MIN	32	26	21	30	29	30	32	35	28	35	26	16	16	23	28	28	27	27	28	24	24	26	31	33	35	38	46	20				28.4
PEMBERTON 3 E	MAX	35	38	39	51	46	38	42	45	50	51	42	35	38	45	45	41	37	49	51	45	44	50	50	55	65	64	64	53				46.7
	MIN	31	28	21	34	27	30	35	29	25	41	26	18	28	29	29	24	25	22	36	22	20	19	28	28	32	49	50	28				29.1
PHILLIPSBURG	MAX	35	38	40	49	48	40	40	45	45	47	46	40	36	42	45	44	38	44	48	47	43	48	47	49	52	55	60	55				45.2
	MIN	29	25	10	33	27	29	32	34	29	37	27	15	25	31	26	25	26	24	37	24	22	22	26	32	31	36	40	22				27.7
PLAINFIELD	MAX	34	42	37	50	39	41	42	43	43	48	38	35	34	39	46	38	38	46	52	38	44	46	49	52	55	54	57	40				43.6
	MIN	29	28	16	34	28	29	34	31	26	36	26	17	25	29	28	26	27	25	35	24	22	24	28	33	30	40	40	23				28.3
PLEASANTVILLE 1 N	MAX	40	39	41	43	55	37	39	45	46	50	53	35	35	39	45	44	42	37	49	52	39	42	49	57	49	60	62	65				46.0
	MIN	34	31	22	24	28	30	32	32	24	35	24	20	21	27	29	31	27	19	25	23	22	20	22	28	34	42	43	32				27.9

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RIDGEFIELD	MAX	33	40	36	52	36	41	44	44	42	44	38	36	35	37	44	38	38	44	53	39	45	47	50	50	56	60	58	31				43.3
	MIN	26	22	20	33	28	31	33	31	28	28	22	15	23	29	28	28	27	24	39	24	23	24	30	33	33	45	27	22				27.7
RUNYON	MAX	37	40	40	57	43	42	47	45	47	50	40	35	34	41	47	46	44	51	54	45	47	48	49	54	60	57	61	51				46.9
	MIN	27	28	10	35	23	28	27	23	26	36	22	18	23	23	27	26	23	26	34	22	19	23	26	27	32	39	45	23				26.5
SANDY HOOK L8STA	MAX	35	36	38	45	40	38	41	44	44	45	38	33	33	40	41	39	37	43	47	38	43	43	44	45	51	50	52	45				41.7
	MIN	28	29	31	35	29	32	35	35	37	36	28	20	26	31	31	31	32	26	36	24	25	29	31	35	35	40	43	26				31.3
SOMERVILLE	MAX	34	42	35	49	41	41	39	45	43	49	37	34	32	41	45	36	37	46	51	37	43	46	48	51	54	57	57	43				43.3
	MIN	28	26	10	33	25	23	34	30	23	36	26	16	25	28	27	22	26	23	35	23	23	22	26	27	28	36	43	22				26.6
SUSSEX 3 N	MAX	33	29	36	37	46	34	40	39	44	45	46	35	30	30	34	43	35	33	43	43	31	40	45	42	48	53	53	54				40.0
	MIN	23	20	7	21	20	21	27	30	25	26	23	9	9	18	22	22	21	21	26	20	18	19	20	27	27	34	37	15				21.7
TRENTON 2	MAX	37	39	37	50	39	39	40	44	43	50	37	36	34	42	44	38	38	48	50	39	45	47	48	52	59	60	63	36				44.1
	MIN	29	25	21	36	29	30	36	33	29	33	24	18	28	31	29	30	27	25	32	24	24	25	34	35	36	49	36	26				29.8
TRENTON WB CITY	MAX	36	36	35	50	37	40	41	45	44	49	35	33	33	43	43	39	36	48	48	37	43	47	48	50	59	60	62	34				43.3
	MIN	28	27	24	35	30	30	37	35	32	32	25	18	27	30	30	30	30	27	30	25	25	28	34	36	37	50	34	25				30.4
TUCKERTON 2 SW	MAX																																
	MIN																																

DAILY SOIL TEMPERATURES

Station And Depth		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	32	32	32	33	35	37	37	40	38	42	38	34	33	35	41	34	35	38	40	37	40	41	40	48	47	48	52	40				38.7
	MIN	30	31	30	29	30	32	34	33	33	34	33	32	32	31	32	32	32	31	33	31	31	31	32	33	34	40	40	33				32.5
2 INCHES	MAX	32	32	33	33	34	36	37	38	38	42	37	34	33	33	38	34	35	35	39	36	37	37	38	42	43	46	49	42				37.4
	MIN	30	31	31	30	30	32	34	34	33	35	33	32	32	31	32	33	33	32	33	32	32	32	33	34	35	40	42	34				33.1
4 INCHES	MAX	32	32	33	32	34	36	37	38	38	41	27	34	33	33	38	34	35	36	39	35	36	37	37	41	43	45	49	43				37.2
	MIN	30	31	31	30	30	32	34	35	33	35	32	32	32	31	33	33	33	32	33	32	32	32	33	35	35	40	43	35				33.3
8 INCHES	MAX	33	33	33	33	33	35	36	37	37	38	37	36	35	35	36	35	35	34	36	35	35	35	36	38	40	42	45	44				36.4
	MIN	32	32	31	31	31	34	35	35	35	36	36	37	34	34	34	34	34	33	34	34	33	33	34	35	37	40	42	37				34.5
16 INCHES	MAX	35	35	35	34	34	35	36	36	37	37	37	36	36	35	36	36	36	35	36	36	35	35	36	37	38	40	42	42				36.4
	MIN	33	33	32	32	32	34	35	36	36	36	37	35	35	35	35	35	35	35	35	35	35	35	35	36	37	38	40	39				35.3
32 INCHES	MAX	37	37	37	36	37	37	37	37	38	38	39	38	38	38	38	38	38	38	37	37	37	37	37	37	38	38	39	40				37.8
	MIN	36	36	35	35	36	36	36	37	37	37	38	38	37	37	37	37	37	37	37	37	37	37	37	37	37	37	38	39				36.8

Measured under Kentucky Bluegrass.

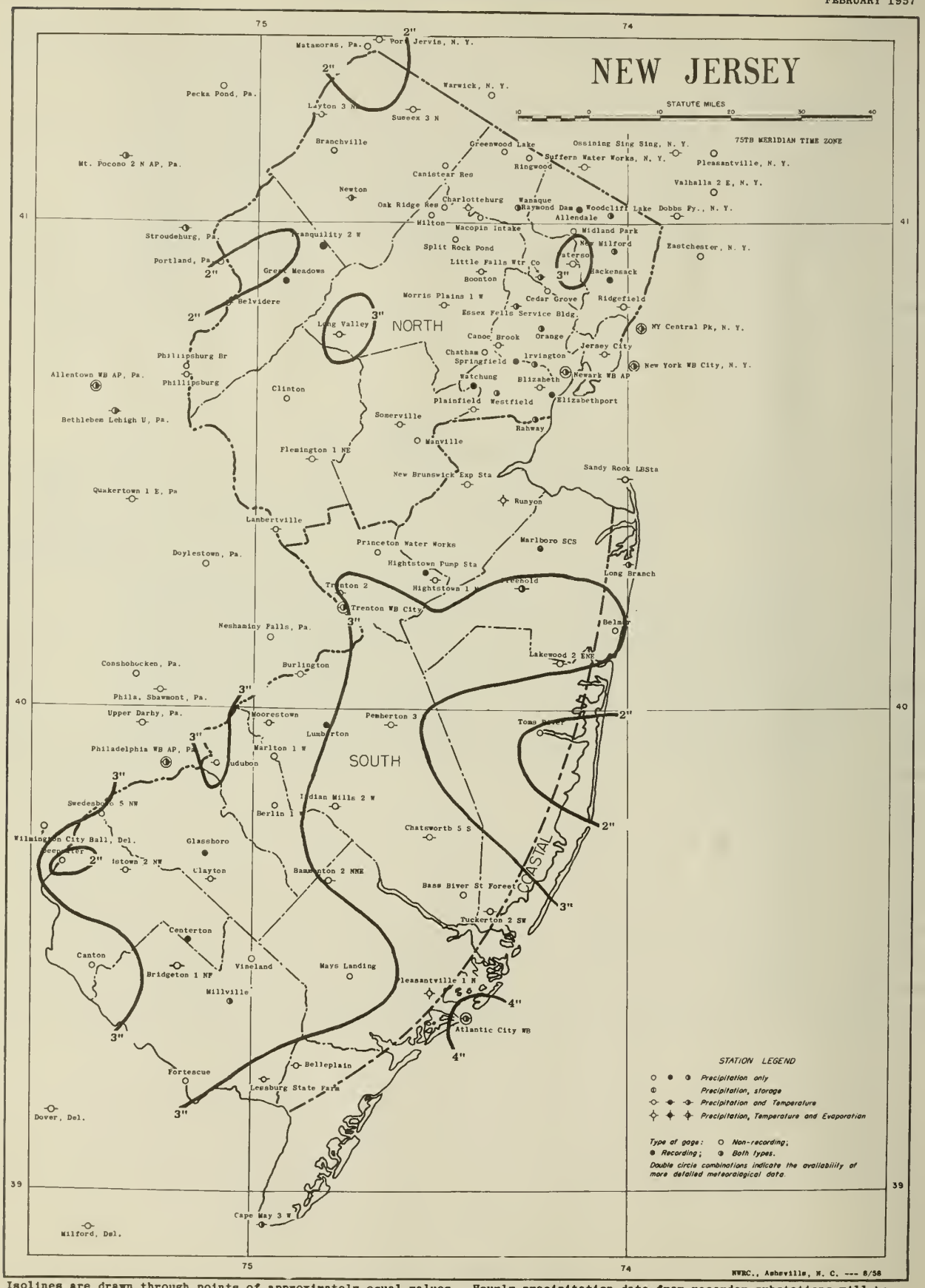
See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	SNOWFALL					.3	.3						T							.4												
	SN ON GND						T													T	T											
	WTR EQUIV																															
BASS RIVER ST FOREST	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
BELVIDERE	SNOWFALL	4.0	1.8				T					T		.5			T															
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CHARLOTTEBURG	SNOWFALL		5.0											.3	.5	.8																
	SN ON GND	1	6	5	2	T								T	1	1	T	T														
CLAYTON	SNOWFALL						T										T												T			
	SN ON GND																															
FLEMINGTON 1 NE	SNOWFALL	8.0	3.0				1.0					T		1.0	T		T	T														
	SN ON GND	8	7	6	2	1	T	T	T					1	T																	
FREEHOLD	SNOWFALL	3.5	6.5				1.0																						.3			
	SN ON GND	-	5	4	2																											
HIGHTSTOWN 1 N	SNOWFALL	3.0	2.0				1.3							T	T		T	T											T			
	SN ON GND	3	3	3	T	T																							T			
INDIAN MILLS 2 W	SNOWFALL	T					1.5							T		T	T												T			
	SN ON GND																												T			
LAMBERTVILLE	SNOWFALL	4.0	1.5				1.0							T															T			
	SN ON GND	4	5	4	T		T																									
LAYTON 3 NW	SNOWFALL	3.0	4.2							2.0				.6			1.1															
	SN ON GND	5	5	4	3	3	1	1	1	1	T						1	T														
LITTLE FALLS WATER CO	SNOWFALL	.1	7.5											.2	.6																	
	SN ON GND	T	7	7	3	1	T	T						T	1	T																
LONG BRANCH	SNOWFALL	6.5	T			.1	1.0							.2			T												.2			
	SN ON GND	5	5	4	T	T	T	T						T																		
LONG VALLEY	SNOWFALL	7.0																														
	SN ON GND	-	-	-	-	-																										
MAYS LANDING	SNOWFALL						1.0																									
	SN ON GND						-																									
MILLVILLE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MOORESTOWN	SNOWFALL		3.4				1.4					T		T		T																
	SN ON GND		3	1			1							T		T																
MORRIS PLAINS	SNOWFALL	2.7	4.3				.1					T		1.0	T		T				T											
	SN ON GND	3	3	T	T	T	T							1	T	T																
NEWARK WB AIRPORT	SNOWFALL	7.5		T			.2							.8	T		T												.3			
	SN ON GND	T	6	3	2		T							T	T																	
	WTR EQUIV		.6	.3	.2																											
NEW BRUNSWICK EXP STA	SNOWFALL	3.8	8.0				.5							.5																		
	SN ON GND	4	5	4	T									T																		
NEWTON	SNOWFALL	1.0	4.0											T	1.0																	
	SN ON GND	2	4	3	2									T	1																	
PATERSON	SNOWFALL	T	9.0				T						T	T		T		T														
	SN ON GND		9	7	4																											
PEMBERTON 3 E	SNOWFALL	1.5	.5				1.5																						T			
	SN ON GND	2																											T			
PHILLIPSBURG	SNOWFALL	1.0	6.0				T							T	T		T															
	SN ON GND	2	7	3	T	T								T	T																	
PLAINFIELD	SNOWFALL	8.0	.3				.1							.5	T		T	T											T			
	SN ON GND	8	7	4	2	1	T	T						1																		
RAHWAY	SNOWFALL	6.6					T							.5			T												T			
	SN ON GND	7	6	2	T									T															T			
RIDGEFIELD	SNOWFALL	8.0	T				T							.3	.2		T												.2			
	SN ON GND	8	5	4			T							T	T														T			
SOMERVILLE	SNOWFALL	5.1	3.2				.5							.4			T															
	SN ON GND	5	8	3	2	2	1							T	T																	
TRENTON WB CITY	SNOWFALL	5.0				.8	.5					T	T	.3	.1		T												.2			
	SN ON GND		5	3	1		1							T	T																	
WANAQUE RAYMOND DAM	SNOWFALL		5.2											T	T																	
	SN ON GND		5	4	3																											

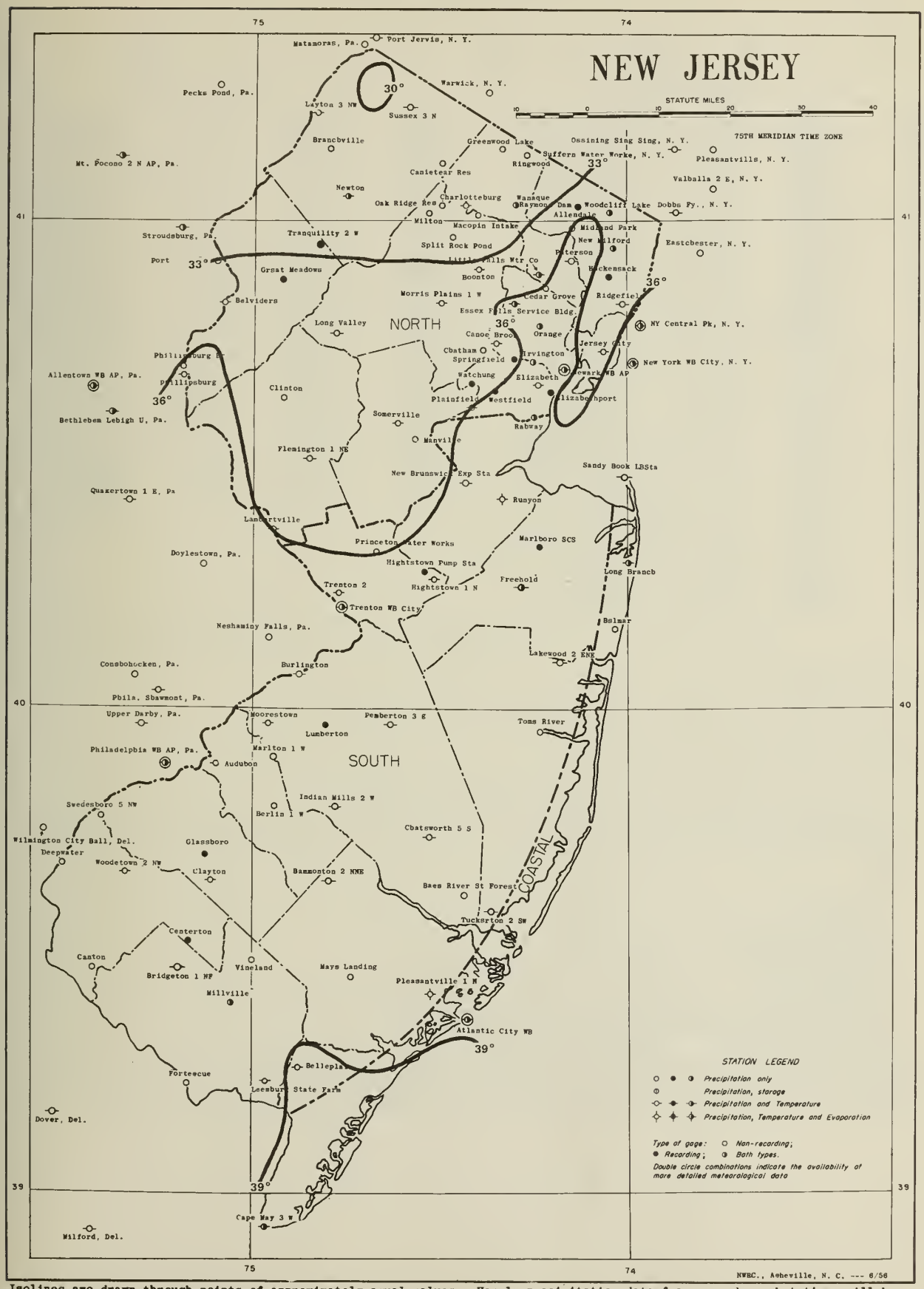
See reference notes following Station Index.

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication 'Hourly Precipitation Data'.

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication 'Hourly Precipitation Data'.

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MID	BERGEN COUNTY ENGS	C
#ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P	N.Y. FORESTRY SVC	3 7
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P	MRS. ED C. HOFFNAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P	MISS C. S. MIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	190		7A	SAMUEL H. MC CULLEY	3
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A	HENRY M. MILLER	3
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WTR WKS	2 3 5
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A	AMERICAN CYANAMID CO	3
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A	ALBERT M. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	39 28	75 25	10		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	N.WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	8	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MORRIS	6	40 44	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P	WILLIAM S. HAINES	2 3 5
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		NIO	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A	JOHN LDPER	3
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. NOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150		MID	PROF. J. A. SANGREE	C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	590		NID	MICHAEL OZYOWSKI JR.	C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A	GEORGE T. WIGGINS	J
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		NID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HURBARD PARKHURST	2 3 5
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1600	8A	8A	N. J. DEPT. OF CONS.	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	MID	MID	GEORGE G. WADDILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5 7
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. N. DEPUE	2 3 5 7
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	8A	8A	LEESBURG STATE FARM	2 3 5
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A	PASSAIC VLY WTR COMM	2 3 5 7 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID	STORM WARN. DSPL STA	2 3 5 7 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKNAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A	NEWARK WATER DEPT	3
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A	ROBERT G. GLASGOW	3
NANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P	DAVID GRISCOM	3
NAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P	ELNER EARLE	3 7
NIDLAND PARK	5503	BERGEN	8	40 59	74 09	210		8A	CORNELIUS HOWARD	3
NILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60		MID	L. J. GALLAHER	3 7 C
MILLVILLE AIRPORT	5581	CUMBERLAND	6	39 22	75 04	68	8A	8A	AIRPORT MANAGER	2 3 5
NILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
NOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A	H. J. WILLARD	2 3 5 7
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTHUR H. AHLQUIST	2 3 5 7 G
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR CONN	2 3 5 7 C
OAK RIDGE RESERVOIR	6480	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
OLDWICK	6544	HUNTEROON	10	40 40	74 45	260		8A	DAN A. COUGHLIN	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. DOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5 7
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANT RUN	7123	HUNTEROON	10	40 34	74 48	140		7A	JOHN H. BERRYMAN	3
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID	PRINCETON WATER CO	3
RAHWAY	7393	UNION	9	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 7 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER CONN	2 3 5 6
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. HAVER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A	BRICE B. STANTON	2 3 5
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TONS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		NIO	H. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	NID	E. M. RISTOW	2 3 5
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8899	OCEAN	1	39 35	74 22	45	8A	8A	VERNON W. NOTT	2 3 5
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYNOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A	WATER SUPPLY COMM	3 7 C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MID	BONNIE BURN SAN.	C
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A	ROBERT M. MANNERS	3
WESTFIELD	9455	UNION	9	40 39	74 21	135		5P	TOWN ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	9910	SALEM	2	39 40	75 20	16	6P	8A	WOODROW W. HALTER	INAC 2/56

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK, 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in the standard of time in local use.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- \- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5, is indicated by no entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.
- \+ And also on a later date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments
- * Amount included in following measurement, time distribution unknown.
- / Gage is equipped with a windshield.
- \# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- G In the "Refer to Tables" column in the Station Index the letter "G" indicates that soil temperatures are published
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Data".)
- T Trace, an amount too small to measure.
- Y Includes total for previous month.

Information concerning the history of changes in location, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, Annual for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC., Asheville, N. C. --- 4/3/57 --- 750

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

MARCH 1957
Volume LXII No. 3

ASHEVILLE: 1957

THE LIBRARY OF THE
MAY 21
UNIVERSITY OF ILLINOIS

WEATHER SUMMARY

GENERAL

Compared with records of previous years March weather did not depart from long-term averages enough to be particularly noteworthy.

Divisional temperature averages for the month were a few degrees warmer than February, but varied very little from long-term averages for March (see Table 2). Individual station departures for the month where comparative figures are available were also small. Practically all stations recorded their high temperatures for the month on the 14th or 15th, and most high readings exceeded 70° with a reading of 78° at Belvidere on the 14th topping the list. Low temperatures for nearly all stations occurred during the period 4th-5th, and low values for over one-half of the stations were 20° or below with 10° at Layton 3 NW on the 3rd and also on later dates being lowest for the month.

For stations where comparisons would be made, monthly precipitation totals showed minus departures from long-term means, except for a very few locations. Extreme monthly totals ranged from 1.26 inches at Canton to 4.98 inches at Belleplain. The greatest daily amount was 1.85 inches on the 20th at Leesburg State Farm. The snowfall average over the northern division was more than twice the average for each of the other two divisions. Top snowfall honors went to Canistear Reservoir with a monthly total of 8.5 inches and the greatest depth on the ground of 6 inches on the 10th. The percentage of possible sunshine and average daytime cloudiness, at stations where such records are available, did not depart from long-term means enough to receive special mention.

WEATHER DETAILS

There was nothing spectacular about daily temperature changes during the first eleven days of March, however, the over-all picture for this period places it slightly on the cool side. This was followed by a warm spell during the period 12th to 18th, with departures on the 12th, 13th, and 14th being greatest in most all areas. During the remainder of the month pressure changes caused temperatures to fluctuate considerably, but departures from long-term averages were not large enough to be especially outstanding. Minimum temperatures for this period of the month were in the 30's on most days and reached the freezing level or below in a few instances.

Pressure patterns that controlled the State's weather caused rather frequent occurrences of precipitation with some falling on slightly more than half of the days during the month at most places. Daily measurements were mostly in the light to moderate category; however, a number of stations reported heavy amounts for their greatest day. Snowfall occurred on several days during March, with individual daily measurements ranging from very light to moderate.

WEATHER EFFECTS

March weather in the State permitted good progress at early field work during the last half of the month. Pastures, hay, and most fall-sown grains were coming out of the winter in unusually good condition with ample soil moisture for rapid growth with the occurrence of warmer weather. Winter damage to fruit buds appeared to be limited to peaches in a few areas of North Jersey and to blueberries in a limited area of Ocean County.

DESTRUCTIVE STORMS

During all day the 10th the entire State was affected by strong, gusty NW and N winds, which were associated with an intense NE moving storm, causing considerable damage throughout the State. Telephone and power lines were down, trees were uprooted and some roof damage was sustained. According to the report several persons were also injured. Minor local wind damage was also reported in the Trenton area on the 19th.

FLOODS

None were reported.

Franklin W. Long, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No of Days: 1.0 or More	.50 or More	1.00 or More
NORTHERN																								
BELVIDERE		51.2M	30.4	40.8M	1.1	78	14	20	4+	742	0	0	17	0	2.57	- 1.67	.50	9	1.0	0		8	1	0
BOONTON 2 SE	AM	47.4	29.9	38.7	1.0	75	15	18	5	804	0	1	18	0	2.33	- 1.68	.74	9				6	2	0
CANOE BROOK	AM	50.6M	27.6	39.1M		75	15	14	5	758	0	1	20	0	2.55	- 1.81	.83	9	2.7	2	1+	6	3	0
CHARLOTTEBURG	AM	46.0	26.1	36.1	- 1.2	73	15	12	5	890	0	1	26	0	3.16	- 1.43	.98	9	6.3	3	10	9	2	0
ELIZABETH		51.8	31.1	41.5	.1	76	14	20	4	722	0	0	17	0	3.93	- .54	.90	1	2.6	T	1+	8	3	0
ESSEX FELLS SERV BLDG	AM	47.4	29.9	38.7		68	15	20	4+	815	0	0	20	0	1.99		.65	9				5	2	0
FLEMINGTON 1 NE		50.7	28.6	39.7	- 1.1	76	14	18	4+	776	0	0	20	0	2.81	- 1.32	.69	9	7.5	1	1+	9	2	0
HIGH POINT PARK		40.9	23.8	32.4		70	15	11	4+	1003	0	8	29	0	2.65		.76	9				7	2	0
JERSEY CITY		47.6	34.1	40.9	.6	66	14	22	4+	742	0	0	10	0	3.10	- .90	.69	1				6	4	0
LAMBERTVILLE		50.5	30.4	40.5	.3	75	14	18	4+	752	0	0	18	0	2.73	- 1.38	.88	9	2.1	1	1	9	1	0
LAYTON 3 NW		50.0	24.3	37.2		76	14	10	3+	856	0	0	27	0	2.30	- 1.18	.60	9	4.7	1	19	8	2	0
LITTLE FALLS 1 E	AM	50.6	30.3	40.5	.8	75	15	19	5	754	0	0	18	0	3.07	- 1.33	1.23	9	2.8	2	1	6	2	1
LONG VALLEY		50.2	27.9	39.1		75	14	17	4	798	0	0	21	0	2.59	- 1.76	.53	9		0			2	0
MORRIS PLAINS		50.2	28.9	39.6		74	14+	18	4+	780	0	0	20	0	2.80		.86	9	1.6	1	1	7	2	0
NEWARK WB AIRPORT	R	50.0	34.0	42.0	1.5	72	14	23	4+	705	0	0	10	0	2.73	- 1.05	.81	15	2.1	2	1	6	2	0
NEWTON	AM	46.5	27.5	37.0	.1	75	15	16	6	862	0	1	23	0	2.03	- 1.55	.52	9	2.0	2	2	8	1	0
PATERSON	AM	49.3	32.2	40.8	.9	74	15	22	1+	746	0	1	12	0	3.24	- 1.22	1.30	9	1.1			7	2	1
PHILLIPSBURG		51.5	31.5	41.5	2.2	75	14+	20	4	719	0	0	16	0	2.74	- 1.50	.69	9	.9	1	1	9	1	0
PLAINFIELD		50.4	31.4	40.9	.7	75	14	20	4	739	0	0	15	0	2.66	- 1.63	.62	1	2.5	2	1	8	3	0
RIDGEFIELD		50.0	31.9	41.0	1.3	72	14	21	4+	737	0	0	14	0	3.19	- 1.32	.78	15	4.0	3	1	6	3	0
SOMERVILLE		50.9	29.7	40.3	.3	76	14	18	4+	757	0	0	19	0	2.42	- 1.66	.69	9	1.5	0		7	2	0
SUSSEX 3 N	AM	45.9	25.9	35.9	- 2.0	75	15	13	5	893	0	1	26	0	2.30	- 1.33	.48	16	4.0	2	2	9	0	0
DIVISION				39.3	.3										2.72	- 1.47			2.9					
SOUTHERN																								
AUDUBON		50.8	33.9	42.4		74	14	24	4	692	0	0	9	0	3.55		1.08	15	T	0		8	2	1
BELLEPLAIN		52.9	32.8	42.9		74	14	20	4+	680	0	0	14	0	4.98	.67			.0	0				
BRIDGETON 1 NE	AM			M		73	15				0	0		0	2.70		1.02	1	.0	0		8	1	1
BURLINGTON		51.3	33.3	42.3	- .4	75	14	23	4	697	0	0	13	0	2.98	- 1.53	.72	1	.0	0		7	3	0
CLAYTON		51.6	32.8	42.2		73	14	24	4+	697	0	0	11	0	3.25		.75	8	T	T	1	9	3	0
FREEHOLD		49.6	31.6	40.6	.2	75	14	20	4+	749	0	0	14	0	4.20	.00	1.58	16	1.5	2	1	8	3	1
HAMMONTON 2 NNE	AM	53.3	33.8	43.6	1.2	77	15	22	4+	658	0	0	9	0	3.09	- 1.21	1.20	1	.0	0		10	1	1
HIGHTSTOWN 1 N		49.3	31.1	40.2	- .5	75	14	20	4	764	0	0	18	0	2.83	- 1.07	.80	1	2.3	1	1	7	3	0
INDIAN MILLS 2 W		50.2	30.8	40.5	- .8	75	14	17	5	752	0	0	16	0	3.50	- .74	.99	1	T	0		9	2	0
LAKEWOOD 2 ENE		49.2	30.0	39.6	- 1.2	72	14	18	5+	779	0	0	18	0	3.75	- .52	1.08	1	T	1	1	8	3	1
LEESBURG STATE FARM	AM	50.9	32.7	41.8		68	15+	23	5	713	0	0	14	0	3.90		1.85	20	.0	0		5	3	1
MILLVILLE	AM			M							0	0		0	2.26		.95	19				5	1	0
MILLVILLE AIRPORT	AM																							
MOORESTOWN		49.5	33.1	41.3	.2	74	14	22	4	727	0	0	13	0	4.12	.25	1.53	16	T	T	2	10	2	1
NEW BRUNSWICK EXP STA		50.3	31.3	40.8	.2	74	14	20	4	743	0	0	16	0	2.98	- .88	.73	1	2.0	2	1	9	3	0
PEMBERTON 3 E		50.7	31.5	41.1	- 1.2	75	14	18	4	733	0	0	15	0	3.67	- .06	.98	1	.0	0		9	2	0
PLEASANTVILLE 1 N	AM	49.6	31.5	40.6	- .2	73	15	20	5	750	0	0	18	0	4.75	.49	1.35	1	.0	0		8	3	2
RUNYON		51.9	30.1	41.0	1.7	69	13+	15	5	737	0	0	14	0	3.01	- 1.24	.67	9		1	1	8	2	0
TRENTON 2		50.5	33.5	42.0		75	14	22	4+	705	0	0	12	0	3.38	- 1.03	.84	1	2.5	1	1	6	2	0
TRENTON WB CITY	R	48.8	34.6	41.7	.4	74	14	23	4+	713	0	0	10	0	2.70	- .50	.55	1	4.5	1	1+	6	2	0
DIVISION				41.4	- .1										3.45	- .61			.8					
COASTAL																								
ATLANTIC CITY WB	R	47.4	36.8	42.1	.6	64	14	25	4	701	0	0	7	0	4.30	.77	1.62	19	.2	T	9	6	3	1
CAPE MAY 3 W				M		67	14				0	0		0					.0	0				
LONG BRANCH		48.1	34.0	41.1	.9	68	13+	24	4+	734	0	0	10	0	4.22	- .07	1.45	15	1.7	2	1	7	3	1
SANDY HOOK LBSTA		47.3	35.1	41.2	1.2	68	14	23	4	728	0	0	9	0	3.66	.03	1.09	20	3.0	2	1	5	4	1
DIVISION				41.5	.8										4.06	.20			1.2					

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Percent of time from prevailing	Wind speed m. p. h: Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Relative humidity averages - percent: 1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Number of days with precipitation: Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB CITY	-	-	15.8	47	NW	10	-	-	-	-	5	8	3	2	1	0	19	57	6.3
LONG BRANCH	NW	22	16.1	48	NW	10	-	76	59Ø	57	2	7	3	2	1	0	15	80	6.0
NEWARK WB AIRPORT	NNE	12	9.8	30++	WNW	10	68	71	51	57	5	7	4	2	0	0	18	-	5.9
TRENTON WB CITY	-	-	9.2	36	N	10	-	-	-	-	4	5	4	2	0	0	15	50	8.2

Ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
MARCH 1957

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
ATLANTIC CITY WB R	4.30	.75	T				.05	.28	.52	.49		T	T			.02	.01		T	.02	.07					.02	.04	.39	.02	.06	T	
AUDUBON	3.55	.55	.40					T	.41	.15		T				1.08	T			.41	.00					T	T	.50	T	.10	T	
BASS RIVER ST FOREST	3.81	1.18						.16	.24	.64						T				.75	.20					T	.10	.34	T		.11	
BELLEPLAIN	4.98	*	1.10					.18	.35	.49										*	2.01	.23					.10	.29	.06	.15		
BELNAR	4.14	.83	.10						.79	.28						.42	.45			.04	T					.20	.06	T	T	.37	T	
BELVIDERE	2.57	.40	T					T	.45	.50						T	.30			.17	.13						.23	.50				
BERLIN 1 W	4.47	.52	1.45	.35					.15	.60	.05										.35							.40		.80		
BLACKWELLS MILLS	3.29	.58	.09	.12					.09	.74	.23						.55			.08	.31	.02					.14	.05	.17	.05	.11	
BOONTON 2 SE	2.33	.34	.02	T					.04	.74	.14						.53			.04	.22	.02					.11	T	.09		.04	T
BOUND BROOK 1 W	2.35	.45	.08	.04					.10	.78							.20			.11	.19						.10	.10	.07		.07	
BRANCHVILLE	2.09	.12	.20	T					T	.23	.46		.03				.45			T	.27	.02	T				.09	.07			.13	
BRIDGETON 1 NE	2.70	1.02					.02	.10	.19	.19				.01			.15		T	.25	.45	.03						.22	.01	.05	.03	
BURLINGTON	2.98	.72		.02					.12	.50		T				.15	.54			.37	.08	.05				.02	.08	.28			.09	
CANISTEAR RESERVOIR	2.80	.28	.15						.02	.70	.29						.43			.08	.21	.11					.12	.03	.13	T	.25	
CANOE BROOK	2.55	.51	.07						.07	.85	T						.51			.12	.12	.02					.17	.05	.05		.05	
CANTON	1.26	.08		.06				T	*	.21							.50			.25	.22	.01						.12		.01		
CAPE MAY 5 W	-	-					-	-	-	-						.06	.02			.10							.02				.18	
CEDAR GROVE	2.72	.15							.05	.05	.35						.75				.30						.10		.07			
CHARLOTTEBURG	5.16	.33	.13	.02					.05	.98	.27						.52			.00	.27	.08					.12	.01	.12		.20	.02
CHATHAM	2.46	.44	.05						T	.86	.04						.55			.00	.14	T					.12	.03	.07		.03	
CLAYTON	3.25	.42	T					.13	.75	.50						.35				.50	.12					T	.04	.31	T	.15	T	
CLINTON	2.43	.48	.03						.22	.42						.06	.20			.20	.10						.25	.27	.02	.06		
DEEPWATER	1.59	.00							*	.39						.64				*	.26							.21				
ELIZABETH	5.93	.90	.35	T				.02	.20	.79						.01	.81			.22	.05						.51	.12			.06	
ELIZABETHPORT	2.54	.56	.05					T	.55	.46						.50	.02			.18	.01	.01				.08	.02	.06		.06		
ESSEX FELLS SERV BLDG	1.90	.32								.65							.58				.52	.12										
FLEMINGTON 1 NE	2.81	.57	.04					T	.10	.69	.01					.17	.02			.22	.22	.02					.19	.28	.05	.01	.13	.01
FORTESCUE	5.11	.80							.25	.48										.40	.00	.03						.13			.10	
FREEHOLD	4.20	.90						.05	.20	.60						.01	1.58			.35	.11					T	.07	.23			.12	
GREENWOOD LAKE	5.11	.35	.10						.03	.98	.50						.44			.00	.25	.13					.00	T	.10		.28	
HAMMONTON 2 NNE	3.09	1.20	.15					.19	.15	.55	.01						.14			.18	.55			.04				.22		.10	.08	
HIGH POINT PARK	2.65	.23	.09	T					.00	.78	.05						.60			.10	.20	.00					.13		.08		.19	
HIGHTSTOWN 1 N	2.83	.80	.02					.01	.14	.54							.50			.27	.08					T	.06	.30	.01		.10	
INDIAN MILLS 2 W	3.50	.00	.04	T				.04	.30	.28		T	T			.20	.53			.40	.10	.02				T	.01	.31	.01	.02	.10	
IRVINGTON	2.60	.48						.03	.58	.50						.58	.02			.22	.03					.06	.03	.07				
JERSEY CITY	5.10	.69							.55	.61						.60				.25	.05					.08	.02	.18		.08	.03	
LAKEWOOD 2 ENE	3.75	1.08	.04					.07	.10	.80			T			.47				.50	.10					.67	.03	.31	.02	.13	.03	
LAMBERTVILLE	2.73	.20	.15					T	.35	.88						.02	.12			.27	.07	T				T	.12	.28			.27	
LAYTON 5 NW	2.50	.24		.02					.15	.60			.03			.05	.53			.02	.12	.01					.21	.10			.20	
LEESBURG STATE FARM	3.00	.91		.02				.04	.12	.60							.08				1.85	.02						.21			.05	
LITTLE FALLS 1 E	3.07	.43	.09	T					.08	1.23	.10						.60			.10	.10	.03					.09	.01	.08	.01	.03	.01
LONG BRANCH	4.22	.74	.01					.04	.47	.32			T			1.45	.32			.54	.00					.06	.02	.08	T	.16	.01	
LONG VALLEY	2.59	.30							.40	.53						*	.50			.22	.08						.20	.16				
MACOPIN INTAKE	2.56	.37	.05	.02					.00	.86	.14						.43			.10	.12	.05					.08	.05	.04		.17	.01
MAHWAH	2.81	.23	.00						.01	1.05	.24						.00			.04	.16	.08					.08		.03		.17	
MANVILLE	2.54	.60							.20	.70						.30				.10	.29					.08	T	.21	T	.08		
MARLTON 1 W	5.73	.00		.05					.64	.10						.10	.74			.48	.15						.04	.29		.21		.05
MAYS LANDING	2.36	.10		.10			.10	.13	.10	.25							.10			.00	.25							.11		.10		
MIDLAND PARK	2.96	.53							.02	1.22							.00			.14	.18						.00	.07			.03	
MILLVILLE	2.20	.45	.04				.01	.00	.52	.16						.02				.05	.03					.01		.13		.04		
MILLVILLE AIRPORT		RECORD MISSING																														
MILTON	3.00	.04	.38	.09					.15	.32	.63						.47			.10	.20	.08					.10	.16			.23	.00
MOORESTOWN	4.12	.75	.17	.12					.10	.45	T	T					1.55			.10	.20	.09					.05	.28	.07	T	.11	T
MORRIS PLAINS	2.80	.46	.01					T	.53	.86						T	.58			.17	.11	.01					.15	.06		T	.08	
NEWARK WB AIRPORT R	2.73	.40	.03	T				.01	.57	.46			T			.81	.01			.12	.05	T				.00	.01	.15	T	.04	T	
NEW BRUNSWICK EXP STA	2.98	.73	.10					T	.28	.05						T	.50			.27	.08						.10	.17	T		.10	
NEW MILFORD	2.92	.52							.45	.81						.60				.22	.12	.02				.08		.04		.02	.04	
NEWTON	2.05	.24	.10	T					.02	.52	.12						.30			.00	.23	.03					.13	.06	.04		.16	
OAK RIDGE RESERVOIR	5.40	.35	.13	.09					.11	.89	.34						.43			.06	.20	.11					.14	.05	.14		.30	.05
OLDWICK	2.72	.18	.30						.09	.76	.06						.50			.08	.24	.13					.21	.13	.12		.08	
ORANGE	2.91	.53	.05						.35	.86	.10						.00			.15							.16	.08			.05	
PATERSON	3.24	.14	T	T					.50	1.30	T						.03			.01	.21	.12					.10	T	.08	T	.04	.01
PEMBERTON 3 E	5.67	.98	.01	.05					.10	.36							.80			.40	.15	.02					.12	.36			.21	
PHILLIPSBURG	2.74	.40	T						.50	.69						T	.52			.19	.15	T					.21	.31	T		.17	
PHILLIPSBURG BRIDGE	2.64	.47							.11	1.00							.25			.10	.21						.20	.25	.05			
PLAINFIELD	2.66	.62	.04	T				.01	.51	.55						.15	.20			.12	.08	.02				T	.11	.10	T	.02	.07	
PLEASANT RUN	2.31	.24	.31	.14					.12	.46	.07						.12			.09	.17	.07					.26	.18	.14			T
PLEASANTVILLE 1 N	4.75	1.35	.14	.07				.26	.20	.80	.08						.02			.16	1.20	.02						.23		T	.08	T
PRINCETON WATER WORKS	5.12	.75	.03					T	.50	.45						.58				.34	.06	T				.07	.01	.29	T	.08		
RAHWAY	2.65	.52	.05					T	.54	.46			T			.58				.22	.03					.08	.02	.08		.10		
RIDGEFIELD	5.19	.75	T					.03	.51	.49						.78	.02			.24	.18					.85	.07	.02		.06	.01	
RINGWOOD	3.14	.43	.07						.14	.99	.24						.45			.09	.20	.07					.07	.06	.01		.52	
RUNYON	5.01	.56	.41					.05	.24	.07							.44			.31	.07						.12	.14				
SANDY HOOK LBSTA	5.66	.04	T	T				T	.27	.81						.01	.00			.08	1.09							.09			.07	
SOMERVILLE	2.42	.55	.04					T	.27	.69							.19			.22	.00						.15	.16			.08	
SPLIT ROCK POND	2.86	.21	.20	.05					.07	.84	.24						.50			.05	.21	.02					.34	.04	.06		.17	
SUSSEX 3 N	2.30	.19	.10	T					.05	.46	.17		.03				.48			.10	.13	.10					.03	.11	.06		.35	T
SWEDESBORO 5 NW	2.70	.65	.09	.01				.01	.20	.24							.95			.20	.08	.01					T	.12			.16	
TOMS RIVER	3.13	.75						.11	.27	.82						.11				.41	.15						.03	.40	.08			
TRENTON 2	5.30	.84	.02					.02	.46	.49		T				.58				.56	.07					.06	.62	.98	T	.09	.02	
TRENTON WB CITY R	2.70	.53	.02					T	.39	.46		T				.53				.29	.03					.03	.01	.32	T	.07	T	
VINELAND	2.65	.98	.00	.05				.08	.12	.20							.00			.20	.58						T	.10	.03	.82	.06	
WANAQUE RAYMOND DAM	2.92	.42	.12						.05	.87	.10						.02			.05	.21	.10					.11	T	.08		.19	
WERTSVILLE	2.65	.38	.07	.11					.08	.92	T						.10			.06	.27	.02					.34	.11	.19	T	.13	T
WESTFIELD	5.29	.58	.09						.40	.84						*	.08		.05	.54	.03					.14	.08	.14	.01	.06		
WOODCLIFF LAKE	2.94	.48							.52	.72						.72				.12	.12	.02				.08		.04		.04	.06	

See Reference Notes Following Station Index

Table 5

DAILY TEMPERATURES

NEW JERSEY
MARCH 1957

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	37	46	42	38	37	41	41	42	44	45	45	61	56	64	51	60	60	50	44	40	51	45	52	55	42	42	42	49	53	50	43	47.4
	MIN	34	34	30	25	26	32	36	40	33	32	29	42	42	45	44	45	42	40	39	35	37	38	40	40	34	40	39	40	37	39	32	36.8
AUDUBON	MAX	35	46	40	40	48	47	42	41	44	44	49	63	67	74	64	59	63	54	45	40	52	50	62	63	49	42	44	54	53	51	54	50.8
	MIN	31	29	28	24	25	26	35	36	35	31	30	34	34	39	42	40	35	35	38	34	36	33	39	33	33	37	35	40	37	37	31	33.9
BELLEPLAIN	MAX	36	55	50	42	49	40	43	43	46	45	52	65	66	74	68	58	63	60	48	42	52	50	62	65	62	43	45	53	56	54	52	52.9
	MIN	32	28	30	20	20	21	34	37	33	32	26	35	28	32	44	43	28	39	40	35	36	30	37	29	33	38	39	37	35	36	20	32.8
BELVIDERE	MAX	37	46	41	40	47	48	45	39	40	42	43	63		78	61	59	60	58	51	37	48	50	65	60	59	49	46	58	55	53	57	51.2
	MIN	28	27	24	20	20	22	31	35	35	20	24	35	27	34	41	36	26	27	34	33	36	29	27	29	29	35	35	37	37	34	25	30.4
BOONTON 2 SE	MAX	30	37	42	37	37	44	44	41	38	39	39	48	59	64	75	41	53	56	54	37	40	47	56	61	56	53	42	42	56	52	50	47.4
	MIN	24	24	24	20	18	19	25	34	33	30	26	29	30	35	38	38	28	28	34	33	33	30	29	30	26	34	35	37	39	35	29	29.9
BRIDGETON 1 NE	MAX		46				43	46	43			44		64	67	73	64	57	62	54	42	43				62	48	43	47	53	55		
	MIN		29			23	23	33	36			23		30	37	47	41	36	36	39	34	35				29	36	37	37	35	36		
BURLINGTON	MAX	33	42	42	40	43	44	42	42	42	42	48	62	68	75	68	58	62	61	52	44	50	50	62	64	56	44	44	54	52	51	54	51.3
	MIN	26	29	28	23	24	29	36	36	33	33	29	36	31	31	42	42	40	34	37	34	34	32	32	34	32	36	37	38	38	36	30	33.3
CANOE BROOK	MAX	31								39	39	40	48	59	68	75	48	56	57	56	37	42	48	53	61	58	52	42	48	56			50.6
	MIN	24	18	23	17	14	17	26	34	32	30	25	32	24	30	36	34	25	24	35	33	33	25	24	25	25	35	36	34	35	34	18	27.6
CAPE MAY 3 W	MAX						42	45	44	44	42	48	52	59	67	58	57	63	51	45		48			59		55					55	
	MIN	33				25	28	36	39	34	34	33	37	39	47	45	44	43	40	41		37			35		35					34	
CHARLOTTEBURG	MAX	29	34	45	35	35	44	40	45	37	36	35	46	50	63	73	41	55	56	52	35	37	43	50	60	50	52	40	42	54	51	49	46.0
	MIN	17	20	22	16	12	14	16	34	32	26	22	24	24	32	35	35	32	23	26	30	30	29	25	26	26	28	33	31	36	32	21	26.1
CLAYTON	MAX	34	45	40	39	44	45	42	40	50	43	50	63	66	73	66	60	61	62	51	48	52	50	60	63	60	42	44	52	53	51	52	51.6
	MIN	31	32	28	24	24	27	34	37	33	29	25	33	28	34	36	38	31	33	36	33	36	34	36	34	35	35	36	41	36	38	31	32.8
ELIZABETH	MAX	36	40	41	40	45	45	41	40	40	44	53	60	69	76	62	60	60	56	50	39	51	55	65	64	56	46	43	60	56	55	57	51.8
	MIN	29	24	26	20	22	23	31	35	33	29	25	37	30	35	40	35	30	31	36	32	35	29	32	33	26	35	37	36	37	35	26	31.1
ESSEX FELLS SERV BLDG	MAX	36	38	42	38	36	42	48	42	36	42	42	50	60	64	68	42	54	56	52	40	41	44	52	58	56	50	44	46	56	54	40	47.4
	MIN	28	24	24	20	21	20	22	27	30	26	24	26	30	32	38	36	30	31	32	38	35	34	33	35	28	32	34	36	38	34	28	29.9
FLEMINGTON 1 NE	MAX	36	43	39	30	43	45	42	39	41	42	45	61	68	76	74	58	60	55	50	38	48	55	62	60	52	41	43	56	53	51	55	50.7
	MIN	28	24	26	18	18	19	20	34	33	29	25	35	25	29	39	35	25	27	36	34	34	26	25	25	24	31	32	37	36	35	24	28.6
FREEHOLD	MAX	33	41	40	38	41	44	40	40	40	42	49	60	66	75	61	58	60	55	44	38	49	52	61	61	52	43	41	56	52	52	53	49.6
	MIN	30	24	26	20	20	24	33	35	32	29	25	35	36	40	39	38	33	32	36	33	34	31	31	35	28	35	33	36	35	35	26	31.6
HAMMONTON 2 NNE	MAX	50	40	50	43	42	47	46	46	56	43	40	55	70	67	77	64	62	63	53	48	48	53	55	64	62	40	45	45	53	63	54	53.3
	MIN	31	30	30	22	22	25	34	36	30	33	28	33	37	38	44	42	37	35	39	35	35	33	33	38	30	37	37	36	34	37	38	33.8
HIGH POINT PARK	MAX	25	30	28	30	30	37	37	35	32	30	33	38	52	62	70	39	50	47	46	30	31	35	47	60	47	46	36	41	48	44	43	40.9
	MIN	13	23	15	11	11	12	23	20	29	24	16	19	25	33	33	31	26	18	26	25	25	26	30	32	17	26	30	31	31	28	21	23.8
HIGHTSTOWN 1 N	MAX	33	40	30	38	42	43	40	39	40	42	45	60	66	75	62	57	60	55	49	38	47	51	61	60	51	43	41	55	53	50	52	49.3
	MIN	28	25	27	20	21	24	31	35	32	30	26	34	32	37	30	37	31	31	36	33	35	30	31	30	27	35	33	37	35	35	26	31.1
INDIAN MILLS 2 W	MAX	33	48	40	39	44	46	42	41	43	43	50	61	68	75	62	58	62	54	44	30	50	51	61	62	51	42	41	51	53	50	52	50.2
	MIN	31	27	28	20	17	21	33	35	33	31	27	30	27	31	41	40	29	33	38	33	34	26	34	27	29	36	35	37	33	34	26	30.8
JERSEY CITY	MAX	33	40	39	38	40	40	39	39	38	40	47	59	65	66	47	56	57	53	44	36	46	52	60	58	49	42	41	53	52	55	53	47.6
	MIN	28	30	28	22	22	28	35	36	33	29	27	41	40	45	39	40	38	33	35	33	32	35	38	36	34	36	39	39	40	35	30	34.1
LAKEWOOD 2 ENE	MAX	35	45	39	30	44	41	39	40	41	43	50	61	69	72	52	60	62	53	41	36	40	50	62	63	48	41	40	54	52	52	53	40.2
	MIN	31	28	21	20	18	18	33	36	33	28	25	32	27	38	36	39	27	32	35	33	28	28	29	26	27	36	34	36	35	34	26	30.0
LAMBERTVILLE	MAX	34	42	39	39	45	45	41	30	42	43	49	62	67	75	66	58	61	57	51	30	48	52	62	60	52	47	43	53	53	51	53	50.5
	MIN	29	23	27	18	18	24	31	35	33	30	27	33	28	32	40	37	28	29	37	34	35	28	28	29	27	35	33	38	36	36	24	30.4
LAYTON 3 NW	MAX	35	45	40	36	45	46	44	40	38	37	47	60	70	76	71	57	57	52	48	37	44	53	60	56	53	48	45	54	53	47	55	50.0
	MIN	23	16	10	10	10	12	25	32	32	20	17	32	31	24	32	34	20	17	30	30	31	19	10	20	22	33	34	30	36	30	30	24.3
LEESBURG STATE FARM	MAX	49	38	53	40	38	44	43	42	45	37	47	51	64	64	68	68	58	59	54	43	40	50	59	62	62	44	44	55	52	53	53	50.9
	MIN	33	30	30	24	23	24	26	29	34	33	28	30	29	32	40	43	30	35	36	35	34	32	35	38	34	34	40	38	38	37	31	32.7
LITTLE FALLS 1 E	MAX	34	39	45	42	40	47	46	43	41	40	42	52	63	69	75	47	58	60	57	40	44	48	55	65	59	35	48	47	59	55	53	50.6
	MIN	23	27	25	20	19	21	28	34	33	30	26	33	29	35	38	36	29	29	33	33	32	30	20	30	28	35	38	36	38	35	28	30.3
LONG BRANCH	MAX	33	41	38	37	41	39	40	40	40	40	49	58	68	68	51	57	60	55	42	37	46	49	60	60	47	43	42	53	54	50	50	48.1
	MIN	31	28	26	24	25	24	35	35	34	20	27	38	39	43	40	41	35	36	37	33	35	34	40	36	32	36	36	38	38	36	32	34.0
LONG VALLEY	MAX	35	41	45	43	44	47	40	38	37	40	44	61	66	75	70	55	58	55	50	41	44	53	62	57	57	46	41	55	52	51	54	50.2
	MIN	28	20	23	17	20	19	24	34	33	27	27	29	24	31	36	32	23	24	35	31	34	25	24	25	27	33	35	34	35	33	23	27.9
MILLVILLE	MAX																			57	43	43	52	49	62	63	52	43	46	54	56	54	
	MIN																			40	36	36	32	40	34	32	37	39	38	36	37	20	
MILLVILLE AIRPORT	MAX																																
	MIN																																
MOORESTOWN	MAX	34	45	37	38	44	46	42	38	44	44	48	61	67	74	58	57	63	54	42	38	48	49	60	62	49	42	43	53	52	49	53	49.5
	MIN	32	30	20	22	23	25	36	36	34	31	29	34	35	41	42	41	34	34	38	34	31	30	34	32	30	35	36	38	37	34	28	33.1
MORRIS PLAINS	MAX	37	43	43	38	44	45	42	38	38	39	46	59	66	74	74	55	57	57	54	35	46	52	61	60	53	48	42	55	53	49	54	50.2
	MIN	26	21	24	18	19	18	27	33	32	28	24	33	27	33	37	36	26	25	32	32	34	26	30	29	27	33	36	35	35	33	28	28.0
NEWARK WB AIRPORT	MAX	36	44	41	40	45	44	40	40	41	41	52	61	68	72	46	50	60	55	45	37	48	53	64	60	50	44	43	57	55	53	57	50.0
	MIN	29	27	27	23	23	28	35	36	34	29	28	40	37	42	40	40	35	35	34	33	35	34	39	36	31	36	39	40	39	37	32	34.0
NEW BRUNSWICK EXP STA	MAX	34	40	39	38	43	44	40	39	40	41	45	60	68	74	65	53	50	58	52	39	47	52	62	61	59	48	43	55	53	51	53	50.3
	MIN	28	23	25	20	21	24	33	35	32	29	25	36	33	38	37	38	32	31	35	32	34	32	31	34	28	35	34	36	35	35	28	31.3
NEWTON	MAX	29	35	44	37	36	45	43	44	36	37	38	43	50	66	75	43	56	56	54	34	38	43	50	60	53	50	39	43	54	52	48	46.5
	MIN	18	29	23	17	17	16	25	33	33	29	22	28	27	30	35	36	23	22	31	31	30	26	28	26	26	32	33	33	38	33	22	27.5
PATERSON	MAX	32	41	44	40	30	43	46	44	40	40	42	50	60	68	74	51	51	58	54	39	43	48	53	63	59	55	44	44	58	53	52	49.3
	MIN	22	27	28	23	22	24	31	35	33	30	27	32	36	40	38	38	33	33	34	33	33	34	35	35	30	35	36	38	39	35	30	32.2
PEMBERTON 3 E	MAX	33	48	42	30	44	45	42	40	42	45	48	60	68	75	70	58	60	53	40	39	50	51	61	63	54	42	42	52	52	52	53	50.7
	MIN	31	28	28	18	22	22	34	35	32	30	26	36	28	34	40	39	20	33	38	34	35	28	33	28	30	36	35	38	35	36	26	31.5
PHILLIPSBURG	MAX	35	44	44	43	42	46	45	43	40	42	42	50	67	75	75	55	59	60	56	38	47	53	62	62	58	50	42	54	53	153	55	51.5
	MIN	28	22	37	20	21	25	32	36	33	30	25	35	28	32	41	37	28	29	36	33	36	29	30	30	28	35	34	39	36	191	35	31.5
PLAINFIELD	MAX	36	42	40	40	45	45	40	40	40	41	49	60	68	75	50	59	50	56	45	38	51	54	63	61	54	43	44	60	55	53	56	50.4
	MIN	29	24	26	20	21	24	31	36	33	31	26	37	30	35	40	35	20	33	36	33	35	20	33	30	27	36	37	37	37	36	28	31.4
PLEASANTVILLE 1 N	MAX	37	35	52	41	40	39	43	41	43	44	45	50	63	64	73	62	60	63	49	42	41	52	48	56	59	47	43	42	54	57	52	49.6
	MIN	32	28	28	21	20	22	28	33	32	31	24	25	34	35	45	43	32	37	37	34	34	28	31	31	30	30	39	36	34	35	28	31.5

See reference notes following Station Index.

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RIOGEFIELO	MAX	36	40	39	38	42	45	40	39	38	41	50	58	69	72	54	58	59	55	43	36	51	56	64	60	57	42	42	59	55	53	58	50.0
	MIN	28	26	26	21	21	24	33	36	32	28	26	40	34	38	39	37	31	30	35	33	33	29	33	34	28	37	38	38	38	35	27	31.9
RUNYON	MAX	36	42	38	41	46	44	44	40	40	44	44	61	69	69	60	62	64	62	56	39	45	51	65	64	58	49	48	60	58	55	56	51.9
	MIN	23	24	24	18	15	18	27	33	33	30	23	38	25	33	40	33	34	25	36	33	35	34	35	34	32	36	28	36	35	35	28	30.1
SANOY HOOK L8STA	MAX	34	40	39	36	39	39	40	40	40	41	45	52	61	68	47	53	56	50	45	41	46	53	59	60	48	45	42	54	52	50	52	47.3
	MIN	31	31	29	23	25	30	35	36	35	32	26	38	41	41	38	38	37	36	38	34	36	38	39	41	40	32	38	40	39	37	34	35.1
SOMERVILLE	MAX	36	43	38	39	45	45	40	40	41	42	45	61	68	76	63	59	60	55	50	40	48	54	64	61	53	48	46	57	55	53	54	50.9
	MIN	29	19	25	18	18	21	29	35	32	30	25	35	26	30	39	36	27	30	36	33	35	27	29	28	27	34	35	36	37	35	24	29.7
SUSSEX 3 N	MAX	28	33	44	34	36	43	41	42	36	37	37	43	58	65	75	44	55	55	52	34	37	42	51	60	52	53	40	43	53	51	49	45.9
	MIN	15	20	21	17	13	16	21	30	31	22	20	24	31	33	33	34	25	25	27	30	30	26	24	28	25	27	32	34	36	30	23	25.9
TRENTON 2	MAX	34	43	40	40	45	45	43	40	41	43	45	61	68	75	57	59	62	56	45	40	48	55	62	63	51	43	43	58	54	53	54	50.5
	MIN	31	29	27	22	22	27	34	37	32	30	28	36	37	40	40	40	36	32	37	34	36	33	37	37	30	36	34	40	36	37	30	33.5
TRENTON WB CITY	MAX	34	42	37	38	43	45	41	40	42	42	46	61	66	74	50	57	61	54	42	38	47	52	61	60	49	42	43	53	52	49	52	48.8
	MIN	30	29	28	23	23	29	35	37	33	31	29	39	39	43	40	39	40	34	37	34	37	37	40	39	32	35	34	40	37	37	32	34.6

DAILY SOIL TEMPERATURES

Station And Depth		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW BRUNSWICK EXP STA																																	
MEASUREO UNDER SOO																																	
1 INCH	MAX	34	36	38	38	42	39	37	38	37	40	40	47	52	59	42	54	51	52	42	39	45	49	56	55	53	42	43	55	52	50	55	45.4
	MIN	33	33	32	31	31	31	34	36	35	32	31	35	35	38	41	40	37	38	38	37	36	35	36	40	37	39	39	39	40	39	36	35.9
2 INCHES	MAX	35	35	38	37	38	37	36	37	37	39	38	43	47	52	42	49	48	48	42	39	43	45	50	50	48	41	42	50	48	48	50	43.8
	MIN	34	34	33	32	32	32	34	36	35	32	32	35	36	39	41	40	38	39	39	38	38	36	37	40	38	40	40	40	42	41	37	36.7
4 INCHES	MAX	35	35	37	37	38	37	36	37	37	38	37	42	46	51	42	48	47	47	42	39	43	45	49	49	47	41	42	49	48	47	49	42.4
	MIN	34	34	33	32	33	33	34	36	35	33	32	35	36	40	42	41	38	39	39	38	38	36	38	40	39	40	40	40	42	41	38	37.0
8 INCHES	MAX	37	36	36	36	36	36	36	37	37	36	36	40	42	45	44	44	43	43	42	40	40	42	45	49	44	42	42	45	45	45	45	40.8
	MIN	36	36	36	34	35	34	35	36	36	35	34	36	38	40	42	41	41	41	40	39	39	38	40	42	41	41	41	41	43	43	42	38.5
16 INCHES	MAX	39	38	37	37	37	36	36	37	37	37	36	38	39	42	42	42	42	42	42	41	40	41	42	42	43	42	42	43	43	43	43	40.0
	MIN	38	37	37	36	36	36	36	37	37	36	36	36	38	39	41	41	41	41	41	40	40	39	40	41	41	41	41	41	42	43	43	39.0
32 INCHES	MAX	40	40	39	39	39	38	38	38	38	38	38	38	39	39	40	40	41	41	41	41	41	41	41	41	41	42	42	42	42	42	42	40.0
	MIN	40	39	39	38	38	38	38	38	38	38	38	37	38	39	39	40	40	40	41	41	41	40	40	41	41	41	41	41	42	42	42	39.8

Measured under Kentucky Bluegrass.

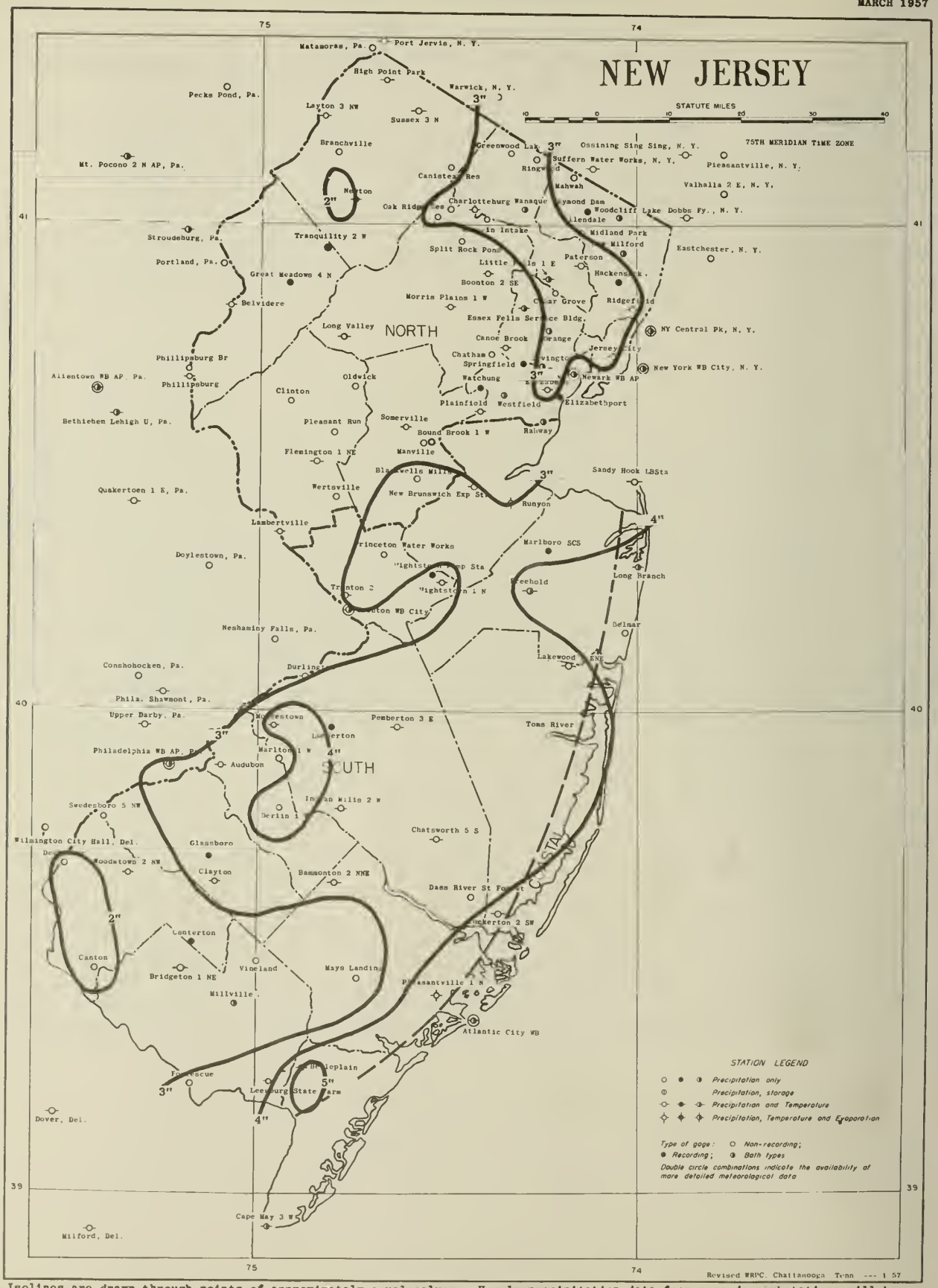
See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	SNOWFALL	T								.2																T						
	SN ON GND									T																						
	WTR EQUIV																															
BASS RIVER ST FOREST	SNOWFALL	-																														
	SN ON GND	-																														
BELVIDERE	SNOWFALL	1.0								T																						
	SN ON GND																															
CHARLOTTEBURG	SNOWFALL	1.0	1.5	.3						1.0	2.5																T					
	SN ON GND	1	2	1						1	3	2	1														T					
CLAYTON	SNOWFALL	T																														
	SN ON GND	T																														
FLEMINGTON 1 NE	SNOWFALL	3.0	2.0					T	T	1.0										T	T							1.5				
	SN ON GND	1	1	T	T	T	T			1																						
FREEHOLD	SNOWFALL	1.5																			T							T				
	SN ON GND	2	T																													
HIGHTSTOWN 1 N	SNOWFALL	1.5	T							.5											T					T		.3				
	SN ON GND	1	T																													
INDIAN MILLS 2 W	SNOWFALL	T																										T				
	SN ON GND																															
LAKEWOOD 2 ENE	SNOWFALL	T																														
	SN ON GND	1	T																													
LAMBERTVILLE	SNOWFALL	1.5	.1							.5																		T				
	SN ON GND	1	T																													
LAYTON 3 NW	SNOWFALL	1.3								1.2										1.0	.7						.5				T	
	SN ON GND	T								T										1												
LITTLE FALLS WATER CO	SNOWFALL	1.8								1.0											T											
	SN ON GND	2	1	T	T					1	T										T											
LONG BRANCH	SNOWFALL	1.7	T							T											T											
	SN ON GND	2	T																													
LONG VALLEY	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND																															
MAYS LANDING	SNOWFALL	T		T				T																								
	SN ON GND																															
MILLVILLE	SNOWFALL	-																														
	SN ON GND	-																														
MOORESTOWN	SNOWFALL		T									T																T				
	SN ON GND																															
MORRIS PLAINS	SNOWFALL	1.6	T					T	T	T										T	T						T	T				
	SN ON GND	1																														
NEWARK WB AIRPORT	SNOWFALL	2.1	T	T				T		T										T	T					T		T			T	
	SN ON GND	2	1	T																												
	WTR EQUIV	.3																														
NEW BRUNSWICK EXP STA	SNOWFALL	1.5	.5							T											T							T				
	SN ON GND	2	1	T																												
NEWTON	SNOWFALL	1.0	.5	T						.5																	T					
	SN ON GND	1	2	1						1																	T					
PATERSON	SNOWFALL	1.0	T	T						.1	T									T	T											
	SN ON GND	-	1	T						T																						
PHILLIPSBURG	SNOWFALL	.9	T							T											T	T						T				
	SN ON GND	1	T							T																						
PLAINFIELD	SNOWFALL	1.8	.2					T		.5										T	T	T				T	T					
	SN ON GND	2	1	T	T	T	T																									
RAHWAY	SNOWFALL	1.7	T							T											T											
	SN ON GND	2	1	T																												
RIDGEFIELD	SNOWFALL	3.0	T					T		1.0										T	T					T						
	SN ON GND	3	2	2	T															T												
SOMERVILLE	SNOWFALL	1.5								T																	T					
	SN ON GND																															
TRENTON WB CITY	SNOWFALL	1.6	.1							2.0		T									T					T		.8				
	SN ON GND	1	1							T																		T				
WANAQUE RAYMOND DAM	SNOWFALL	1.3																														
	SN ON GND	1	1																													

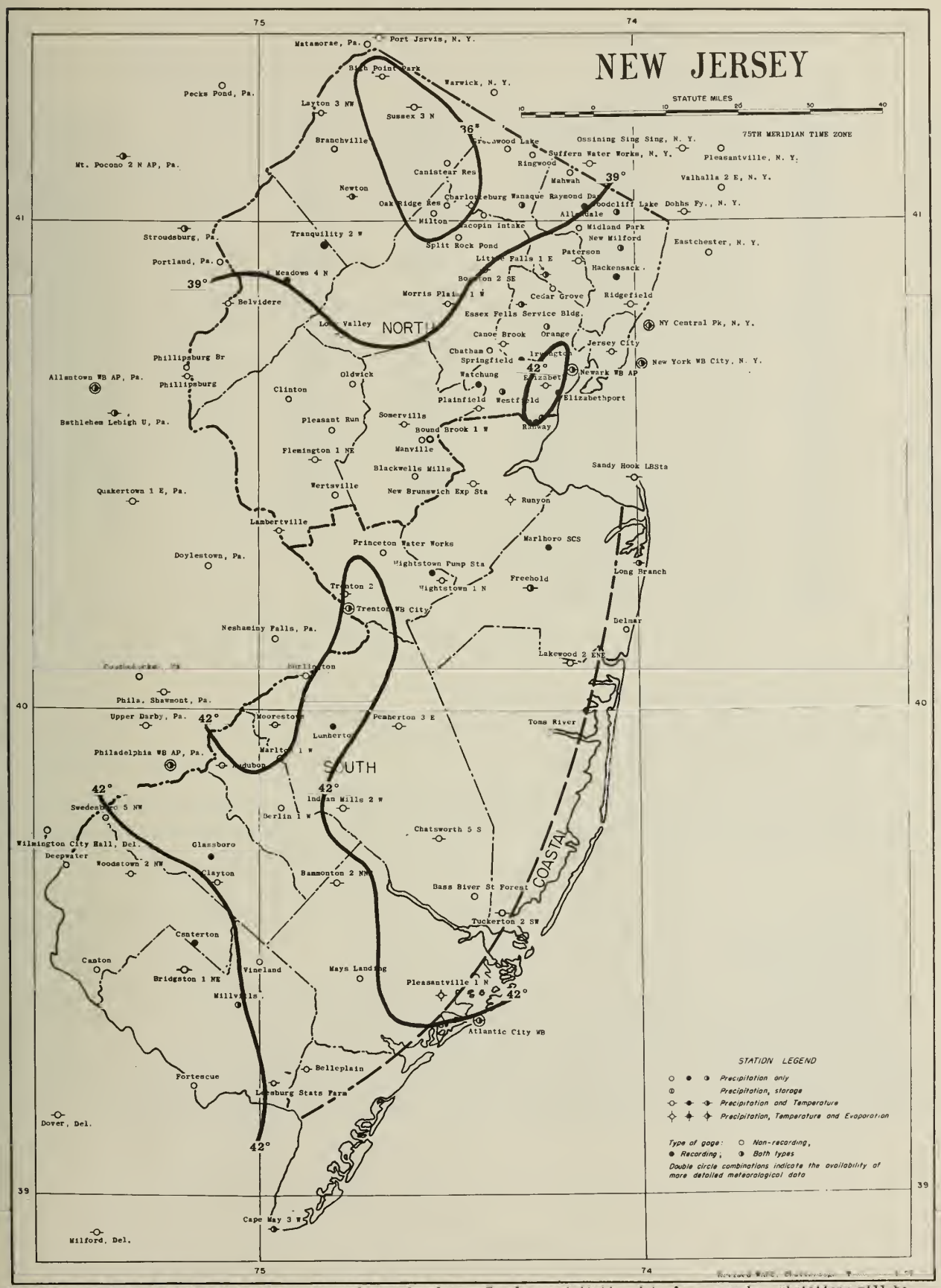
See reference notes following Station Index.

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MID	BERGEN COUNTY ENGS	C
*ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P	W.Y. FORESTRY SVC	3 7
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P	MRS. ED C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P	MISS C. S. HIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A	SAMUEL H. MC CULLEY	3
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A	HENRY H. MILLER	3
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WTR WKS	2 3 5
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A	AMERICAN CYANAMID CO	3
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A	ALBERT M. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CAMDEN BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	39 28	75 25	10		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	N.WEST MAGNESITE CO	2 3 5
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P	WILLIAM S. HAINES	INAC 1/57
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1740	HUNTEROON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTEROON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A	JOHN LOPER	3
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	550		MID	MICHAEL OZYOWSKI JR.	C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A	GEORGE T. WIGGINS	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HANMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1600	8A	8A	N. J. DEPT. OF CONS.	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	MID	MID	GEORGE G. WADDILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTEROON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5 7
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. M. OEPUE	2 3 5 7
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	8A	8A	LEESBURG STATE FARM	2 3 5
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A	PASSAIC VLY WTR COMM	2 3 5 7 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID	STORM WARN. OSPL STA	2 3 5 7 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A	NEWARK WATER DEPT	3
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A	ROBERT G. GLASGOW	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P	DAVID GRISCOM	3
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P	ELMER EARLE	3 7
MIDLAND PARK	5503	BERGEN	8	40 59	74 09	210		8A	CORNELIUS HOWARD	3
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A	L. J. GALLAHER	2 3 5 7 C
MILLVILLE AIRPORT	5581	CUMBERLAND	6	39 22	75 04	68	8A	8A	AIRPORT MANAGER	2 3 5
MILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A	H. J. WILLARD	2 3 5 7
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTHUR H. AHLQUIST	2 3 5 7 G
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A	DAN A. COUGHLIN	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. OOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5 7
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7070	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANT RUN	7123	HUNTEROON	10	40 34	74 48	140		7A	JOHN H. BERRYMAN	3
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID	PRINCETON WATER CO	3
RAHWAY	7393	UNION	9	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 7 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. HAVER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY O P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A	BRICE B. STANTON	2 3 5
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MID	M. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID	E. H. RISTOW	2 3 5
*TRENTON WB CITY	8883	MERCER	2	40 13	74 46	58	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8899	OCEAN	1	39 35	74 22	45	8A	8A	VERNON W. MOTT	INAC 12/56
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A	WATER SUPPLY COMM	3 7 C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MID	BONNIE BURN SAN.	C
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A	ROBERT M. MANNERS	3
*WESTFIELD	9455	UNION	9	40 39	74 21	138		5P	CITY ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	9910	SALEM	2	39 40	75 20	16	6P	8A	WOODROW W. HALTER	INAC 2/56

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station index lists observation times in the standard of time in local use.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- No record in Tables 3, 6, 7 and the Station index. No record in Tables 2 and 5, is indicated by no entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.
+ And also on a later date or dates.
++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with a windshield.
Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
AM Data based on observational day ending before noon.
B Adjusted to a full month.
C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
G In the "Refer to Tables" column in the Station index the letter "G" indicates that soil temperatures are published.
M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Data".)
T Trace, an amount too small to measure.
V Includes total for previous month.

Information concerning the history of changes in location, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, Annual for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC., Asheville, N. C. --- 5/2/57 --- 750

05
NJ
4 1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

APRIL 1957
Volume LXII No. 4

THE LIBRARY OF THE
JUN 2 . 1957
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1957

WEATHER SUMMARY

GENERAL

April's weather in New Jersey was warmer and wetter than usual, with all divisions showing positive departures for both temperature and precipitation.

Temperature division averages were in the 50's and exceeded March averages by more than eleven degrees in all divisions. Sussex 3 N with a departure of -0.5° was the only station to have a negative value, while Runyon with + 4.8° had the greatest plus departure. High temperatures at all stations were reported during the period 21st-29th. Maximum readings at all stations exceeded 80°, except for Atlantic City WB with 77°. Top honors went to Hammonton 2 NNE with a reading of 91° on the 28th. Trenton WB City with a low temperature for the month of 33° was the only station that failed to record a minimum of freezing or below. Two stations were credited with the lowest for the month, an 18° reading at High Point Park on the 4th and Layton 3 NW on the 16th.

Precipitation averages in all divisions, and monthly totals at practically all stations where comparisons could be made showed positive departures from long-term means. There was considerable variation in monthly totals which ranged from 1.35 inches at Fortescue to 8.00 inches at Westfield. The greatest daily amount was 2.10 inches on the 5th at Branchville. The snowfall average of 4.6 inches in the Northern Division was much more than was received elsewhere. The following stations had monthly snowfall totals exceeding 8 inches: Layton 3 NW, 8.4 inches; Charlotteburg, 8.5 inches; Mahwah, 8.8 inches; Greenwood Lake and Oldwick, 9.0 inches. Sunshine was somewhat less than usual in the Trenton area, but in the Atlantic City area it was average. Daytime cloudiness at stations where such records are kept was equal to, or very near equal to the long-term mean.

WEATHER DETAILS

The atmospheric pressure patterns that controlled the State's weather for the first sixteen days of April caused temperatures to fluctuate considerably. While there were no drastic daily departures from long-term averages during this period the over-all picture placed it quite definitely on the cool side, with minimum readings dropping into the 30's on a majority of the days. The last fourteen days of the month was quite a different story, even though pressure movements brought about variations in daily departures from long-term means, the positive values which accumulated during this period was a sure indication that springtime had arrived and the last decade ended with almost summerlike warmth.

The occurrence of precipitation was quite frequent during the month, with most stations receiving more than usual expectancy. Most stations received the major portion of their precipitation for the month during the first nine days, with many places reporting their heaviest falls on the 2nd, 4th, and 5th. The remainder of the month was marked by frequent occurrences of precipitation with most amounts ranging from light to moderate. The most noteworthy occurrence of snowfall for the month was on the 4th and was mostly confined to the northern half of the State. A few stations reported small amounts on the 9th, and Atlantic City WB and Belleplain reported small measurable amounts on the 13th. Other occurrences were of little consequence.

WEATHER EFFECTS

The warm days of the last two weeks in April more than offset cooler temperatures during the first half, and soil moisture was ample in most areas since early in the month. The additional moisture in April, which followed three months of inadequate precipitation, was very beneficial to all crops. Hays, pastures, and fall sown grains continued to make good growth after coming through the winter in good shape. Oats seeding was delayed by early April rains. Pasture condition was reported to be the highest since 1952. Condition of all hay was above a year ago and slightly above average. Good progress in field work was made during the last two-thirds of the month including completion of plowing in most areas. In fact, favorable moisture and weather conditions have placed this season, to date, well in advance of last years. Early planted potato fields were up and volume harvest was under way on asparagus, broccoli, and spinach. The weather was favorable for pollination of fall fruits.

DESTRUCTIVE STORMS

In the early morning of the 6th a cold front passage caused general statewide thunderstorms. The most violent of these appeared to be in the Ewingville-Lawrenceville (Mercer County) area where damage included one barn and corn crib demolished, a house trailer and car damaged, and a few trees and wires downed. On the 28th a thunderstorm with high winds and hailstones 1/2 inch in diameter occurred at Audubon in Camden County, and two homes and a church were struck by lightning in or near Camden. A storm at Plainfield on the 29th featuring rain, hail, and lightning caused street flooding, and moderate damage to one home that was struck by lightning.

FLOODS

During the period April 5th to 8th bankfull or basic flood stages were reached on the following New Jersey rivers: Ramapo, Pequannock, Passaic, Raritan, and Millstone. Since only bankfull (or slightly above) stages were reached, no flood damage was reported.

Franklin W. Long, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

CLIMATOLOGICAL DATA

NEW JERSEY
APRIL 1957

TABLE 2

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max 90° or Above	Max 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
NORTHERN																								
BELVIDERE		64.6	41.7	53.2	2.3	90	28	27	11+	380	1	0	9	0	7.10	3.16	1.55	5	5.0			11	6	3
BOONTON 2 SE	AM	61.0	40.3	50.7	2.0	86	29	27	1	433	0	0	8	0	5.95	2.25	1.85	5				9	4	1
CANOE BROOK	AM	62.7	40.9	51.8	3.5	86	28	22	16	407	0	0	7	0	6.92	3.06	1.83	5	1.3	1	4			1
CHARLOTTEBURG	AM	60.0	37.8	48.9	.9	85	27	20	16	486	0	0	11	0	5.82	1.73	1.91	5	8.5	4	5	9	4	1
ELIZABETH		65.7	42.0	53.9	2.2	87	21	27	15	351	0	0	8	0	6.00	2.14	1.42	5	2.0	2	4	12	4	1
ESSEX FELLS SERV BLDG	AM	61.8	42.5	52.2		85	22	30	10+	391	0	0	5	0	4.78		1.73	5	5.0	3	5	8	4	2
FLEMINGTON 1 NE		64.1	40.4	52.3	1.2	87	28	23	16	396	0	0	10	0	5.55	1.90	1.01	4	4.0	2	4	10	3	2
HIGH POINT PARK	AM	56.0	35.6	45.8		81	27+	18	4	574	0	1	13	0	6.23		2.01	5				8	5	2
JERSEY CITY		59.7	43.7	51.7	1.3	82	21	30	9	404	0	0	3	0	4.86	1.41	1.18	5		0		11	4	1
LAMBERTVILLE		64.9	41.9	53.4	2.7	88	28	26	11+	369	0	0	7	0	5.60	2.01	1.06	2	1.0	T	4	9	3	1
LAYTON 3 NW		63.3	37.9	50.6	3.2	86	27	18	16	453	0	0	12	0	5.28	1.51	.94	5	8.4	8	4	11	5	0
LITTLE FALLS 1 E	AM	63.6	41.4	52.5	2.1	87	22	29	16	390	0	0	6	0	5.55	1.31	1.64	5	4.7	3	5	10	4	1
LONG VALLEY		63.3	39.1	51.2		85	21+	22	16	427	0	0	11	0	6.17	2.36	1.40	2	6.0			12	6	1
MORRIS PLAINS		63.5	40.5	52.0		85	28	24	11	405	0	0	11	0	6.48		1.28	5	5.3			11	5	2
NEWARK WB AIRPORT	R	63.5	43.0	53.3	3.3	88	21	31	10+	367	0	0	3	0	5.45	2.18	1.16	4	4.1	1	5	10	5	2
NEWTON	AM	60.4	39.1	49.8	1.6	86	28	23	16	465	0	0	12	0	5.56	1.98	1.70	5	6.0	5	5	10	4	1
PATERSON	AM	63.5	42.9	53.2	2.3	86	22	31	4+	372	0	0	6	0	4.86	.90	1.12	5	6.0	3	5	8	4	1
PHILLIPSBURG		65.6	42.6	54.1	3.9	88	27+	27	16	352	0	0	7	0	7.21	3.31	2.01	5	3.5	4	4	10	6	2
PLAINFIELD		63.3	42.5	52.9	2.2	86	21	26	15	376	0	0	7	0	5.93	2.18	1.01	4	3.0	2	4	10	6	1
RIDGEFIELD		63.8	42.3	53.1	2.9	85	21+	28	15	377	0	0	5	0	5.38	1.72	1.20	4	5.0	5	4	10	6	2
SOMERVILLE		64.5	41.0	52.8	2.5	88	28	24	11	379	0	0	9	0	5.77	2.23	1.10	5	3.0	2	4	9	6	1
SUSSEX 3 N	AM	60.4	37.2	48.8	- .5	87	28	23	1	494	0	0	13	0	5.38	1.64	1.57	5	5.0	4	5	9	4	1
DIVISION				51.7	2.0										5.81	2.03			4.6					
SOUTHERN																								
AUDUBON		66.3	43.8	55.1		90	27	30	11	324	1	0	5	0	3.61		.97	2	.0	0		9	2	0
BELLEPLAIN		69.4	42.0	55.7		90	21+	23	11	312	2	0	9	0	2.69	- .87	.50	9	1.5			10	1	0
BRIDGETON 1 NE	AM	64.9M	42.6M	53.8M		89	29	24	11	354	0	0	6	0	3.38		.90	29	.0	0		7	3	0
BURLINGTON		66.8	43.5	55.2	2.2	86	21	29	11+	319	0	0	3	0	4.98	1.56	1.10	2	.0	0		10	4	1
CLAYTON		66.6	43.2	55.0		89	27	29	15+	327	0	0	5	0	3.15		.86	2	.0	0		6	2	0
FREEHOLD		65.0	42.6	53.8	3.3	87	28	28	11+	349	0	0	8	0	4.85	1.29	1.20	2	1.8	T	4	11	2	1
HAMMONTON 2 NNE	AM	66.4	43.6	55.0	3.0	91	28	28	11	325	3	0	5	0	2.45	- 1.22	.44	29	.0	0		8	0	0
HIGHTSTOWN 1 N		64.4	42.7	53.6	3.0	86	28	28	15+	360	0	0	8	0	5.83	2.53	1.14	28	.8	T	4	11	4	2
INDIAN MILLS 2 W		65.8	42.0	53.9	2.7	89	27+	22	11	350	0	0	6	0	3.46	.00	.95	2	T	0		9	2	0
LAKEWOOD 2 ENE		62.6	39.4	51.0	.4	89	21	22	11+	424	0	0	10	0	4.72	1.00	1.17	2	T	0		9	3	2
LEESBURG STATE FARM	AM	66.9	44.0	55.5		88	21+	25	11	321	0	0	7	0	1.87		.35	9	.0	0		6	0	0
MILLVILLE	AM	66.8M	45.0M	55.9M		90	28+	26	11	296	2	0	5	0	2.49		.70	2				9	1	0
MILLVILLE AIRPORT	AM																							
MOORESTOWN		63.8	42.5	53.2	2.2	88	27	27	11	372	0	0	4	0	3.67	.20	.86	2	T	0		9	2	0
NEW BRUNSWICK EXP STA		64.2	42.2	53.2	2.4	85	28	28	11+	363	0	0	10	0	5.66	2.32	1.30	5	2.0	2	4	11	4	2
PEMBERTON 3 E		66.0	41.7	53.9	1.8	87	21+	24	16	349	0	0	6	0	4.53	1.09	1.29	28	.0	0		11	3	1
PLEASANTVILLE 1 N	AM	63.6	42.3	53.0	3.0	90	22	24	11	372	1	0	8	0	3.28	- .31	1.08	29		T	13	8	2	1
RUNYON		67.2	40.6	53.9	4.8	90	28	21	16	356	1	0	8	0	5.02	1.46	1.15	5	1.3	0		10	2	2
TRENTON 2		64.3	43.3	53.8		88	27	30	11+	359	0	0	4	0	5.57	1.84	1.05	2	1.2	0		10	5	1
TRENTON WB CITY	R	63.1	43.7	53.4	2.7	87	27	33	4+	364	0	0	0	0	4.93	1.93	.95	2	1.4	T	4	10	5	0
DIVISION				54.1	2.8										4.01	.57			.6					
COASTAL																								
ATLANTIC CITY WB	R	58.4	44.9	51.7	2.3	77	21+	30	13	394	0	0	1	0	2.28	- 1.12	.50	8	1.0	T	13	8	1	0
CAPE MAY 3 W		63.9M	46.2M	55.1M		83	21	32	13	301	0	0	1	0	3.42				.0	0				
LONG BRANCH		59.4	42.5	51.0	1.5	85	21	31	11	425	0	0	2	0	5.64	2.10	1.29	5	1.0	T	4	9	4	2
SANDY HOOK LBSTA																								
DIVISION				52.6	2.9										3.78	.53			.7					

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Percent of time from prevailing	Wind speed m. p. h.: Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Relative humidity averages - percent: 1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Number of days with precipitation: Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB	-	-	15.9	50	NW	9	-	-	-	-	4	6	7	1	0	0	20	59	6.2
LONG BRANCH	W	16	14.1	40	SE	S	-	79	61ø	59	1	8	4	2	2	0	15	60	6.5
NEWARK WB AIRPORT	WNW	11	10.0	32++	NNW	9	74	76	53	61	3	6	5	3	2	0	19	-	8.4
TRENTON WB CITY	-	-	10.3	43	N	9	-	-	-	-	1	5	5	5	0	0	16	49	6.5

ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
APRIL 1957

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
ATLANTIC CITY WB R	2.28	T	.17		.12	T	.12		.50	.14			.09	.16				.04	.06	T		.06		.28	T	.01	.02	.01	.42	.08		
AUDUBON	3.61	T	.97		.21	.49	.34		.28	T			T					T	.12	.13		T		T		T	.57		.08	.44		
BASS RIVER ST FOREST	4.97		.76		T	1.60			1.38	.18			T	.16				.08	.04	.09				.18		.03	.00			.39		
BELLEPLAIN	2.69		.45			.18	.25		.14	.50				.18				.15	.14					.36	.04		.30					
BELMAR	5.61		1.20		.56	1.22	.10		.44	.14			.06	.01				.07	.52	.29						.94		.08	.12	.26		
BELVIDERE	7.10		1.37		1.05	1.55	.57		.65	.16			T	.09	T			T	.51	.35		.02		.43		.08	.03	.12	.10			
BERLIN 1 W	–		.50	.30	.80					*				.22					–	–				–			–			.43		
BLACKWELLS MILLS	5.87		.56	.37	.03	1.63	.93			.52				.04					.51	.45		.03		.24	.05		.05			.46		
BOONTON 2 SE	5.95		.79	.23	.06	1.85	.89	T		.71				.03					.30	.29		.03		.48			.21		.08			
BOUND BROOK 1 W	6.21		.83		.14	1.59	.72			.52				.01					.55	.27		.03		.40			.40			.73		
BRANCHVILLE	5.59		.70	.13	T	2.10	1.03	T		.82										.32			T	.44			.05					
BRIDGETON 1 NE	3.38		.70	T		.32			.18	.19	.02			.05		.02		.05	.05	.10				.07	.03	T	.87	.01		.90	.02	
BURLINGTON	4.98		1.10		.28	.63	.54		.32	.06				.03					.22	.15				.47			.19		.08	.81		
CANISTEAR RESERVOIR	5.27		.56	.28	.09	1.90	.74			.77				.10					.22	.14		.04		.32	.03		.08					
CANOE BROOK	6.92		.59	.15	.09	1.83	.94			.61				.03					.32	.31		.02	.01	.69	.02	.48	.35	.02		.46		
CANTON	2.77		.58			.41	.13			.33				T			.02		.03	.18	T			.04			.28			.77	T	
CAPE MAY 3 W	3.42		.16		*	*	1.80		.14	.51				.20				.03	.18				.42								
CEDAR GROVE	6.23		.64	.22		1.75	1.14	.02		.92				.05					.31	.29				.62			.17		.10			
CHARLOTTEBURG	5.82		.71	.30	.06	1.91	.97	T		.91				.03					.22	.21		T		.34			.16					
CHATHAM	6.81		.65	.21	.09	1.82	.99			.62									.33	.30		.08		.73	.01	.37	.34	.01	T	.28		
CLAYTON	3.15		.86		.21	.40			.08	T			T	T				.04	.05	T				.29			.41			.81		
CLINTON	6.40	T	1.12		.83	1.26	.48		.55	.25			.07					.05	.64	.24		.20		.50			.08	.03	.09			
DEEPWATER	3.20	.11	1.41		.13	.38	.52		.31					.02				.02	.02					.15		.13						
ELIZABETH	6.00		.84		.80	1.42	.77		.35	.25			.01	.04				.01	.38	.26		.07		.29	.18	.17	.04	.01	.01	.12		
ELIZABETHPORT	5.37	.04	.86		1.08	1.01	.21		.43	.08			T					.02	.60		.02			.58	.13	.21			.03	.07		
ESSEX FELLS SERV BLDG	4.78		.26		T	1.73	1.02			.62									.34	.18				.53			.10					
FLEMINGTON 1 NE	5.55	T	.86		1.01	1.00	.67		.49	.10			T	.02	T			T	.57	.33				.28	T	T	.03	T	.09	.12		
FORTESCUE	1.35		.35			.12	.18			.27				.07				.08	.08					.15		.03						
FREEHOLD	4.85	T	1.20		.43	.95	.11		.31	.15									.38	.59				.41		T			.11	.21		
GREENWOOD LAKE	5.78		.59	.38	T	1.82	.98	.04		.83	T			.10					.21	.15		T		.29	T		.19	T	.20			
HAMMONTON 2 NNE	2.45		.21	.14		.38	.26			.36				.01	.03			.04	.03	.09				.23		.01	.22			.44		
HIGH POINT PARK	6.23		.69		.23	2.01	.76			.88				.02					.08	.20				.08	.11		.08		1.09			
HIGHTSTOWN 1 N	5.83	T	1.00		.48	.84	.28		.25	.13			T	.02				T	.33	.72		T		.31		T	.81		1.14	.32		
INDIAN MILLS 2 W	3.46	T	.95		.21	.39	.12		.24	.09				.01				T	.09	.16				.23		.01	.33		.08	.57		
IRVINGTON	5.90	.04	.91		1.18	.87	.36		.43	.17			.05					.07	.46		.03			.65	.13	.31			.07	.17		
JERSEY CITY	4.86	.19	.79		.20	1.18	.24		.54	.14			.04					.08	.21	.03	.03			.85		.01			.18	.17		
LAKEWOOD 2 ENE	4.72		1.17		.19	1.05	.10		.02	.49				.04				T	.23	.43			T	.58		.05	.03			.34		
LAMBERTVILLE	5.60	T	1.06		.66	.98	.70		.44	.09				.05				.04	.46	.75				.10			T		.03	.18		
LAYTON 3 NW	5.28		.91		.93	.94	.73		.60	.20			.02	.10					.16	.16		.13		.31	.08		.03					
LEESBURG STATE FARM	1.87		.30		.03	.09	.18		.09	.35				.11				.09	.08					.28			.27					
LITTLE FALLS 1 E	5.55		.84	.15	.14	1.64	.92	T		.64				.03					.28	.20		.03		.47	.01		.11			.01		
LONG BRANCH	5.64	.04	1.14		.88	1.29	.10		.36	.07			.01	.01				.03	.76	.11				.31		T		.03	.43	.03		
LONG VALLEY	6.17		1.40		.60	.93	.53		.68	.18			.08						.42	.34	.10			.55			.08		.14	.16		
MACOPIN INTAKE	5.83		.93	.06	.19	1.87	.84	T		.79				.04					.25	.23		.04		.38			.28					
MANWAH	5.65		.68	.43	.09	1.86	.95	.04		.80				.05					.23	.15		.03		.23	.81		.10		T			
MANVILLE	5.93	.05	.80		1.10	.78	.58		.50	.02			T					.05	.81	T	.04			.41		.04	T	T		.73		
MARLTON 1 W	4.65		1.08		.21	.47	.26		.15	.26				.01				.02	.08	.16				.27			.33			1.33		
MAYS LANDING	2.63		.35				.12		.12	.10									.20	.10		.08		.10	.08	.18	.08			1.20		
MIDLAND PARK	4.70		.28	.82	.93	.08	*	.98		.68			.03						*	.47	.01			.35			.07					
MILLVILLE	2.49	.04	.70		.15	.04	.11		.21					.04				.05	.11					.27		.03	.18		.37	.18		
MILLVILLE AIRPORT		RECORD MISSING																														
MILTON	3.52		.50	.65	*	.90	.55	.54		1.05				.10			.12		.31	.27		.04		.40			.09					
MOORESTOWN	3.67		.86	.15	T	.64	.40	.06		.35				.06				T	.04	.22				.23			.24			.42	T	
MORRIS PLAINS	6.48		1.20		.84	1.28	.58		.36	.35			T	.04	T			T	.35	.23		.05		.75	.18	.14	.88	T	.09			
NEWARK WB AIRPORT R	5.45	.07	.76		1.16	1.01	.35		.40	.08			.01					.02	.53	.01	.03			.60	T	.10	T	T	.12	.20		
NEW BRUNSWICK EXP STA	5.66		1.00		.75	1.30	.35		.30	.21				.03				.07	.52			.00		.35		.10	.83	.08	.14	.35		
NEW MILFORD	5.58		.76		1.22	1.23	.87		.52	.16									.48					.32		.02						
NEWTON	5.56		.78	.15	.15	1.70	.96			.78				.10					.28	.21		.02		.37	.03		.03		.02			
OAK RIDGE RESERVOIR	5.90		.88	.23	.13	1.86	.72			.93				.13					.25	.21		.04		.42			.08	.02				
OLDWICK	5.99		.75	.23	.12	1.79	.79			.66				.04					.52	.30		.81		.50	.04		.17			.07		
ORANGE	6.63		.78		.47	1.96	.74		*	.73				.02					.38	.18	.08			.70			.29			.32		
PATERSON	4.86		.78	.22	.08	1.12	.74	.02		.74				.02					.32	.28		.02		.43			.09			T		
PEMBERTON 3 E	4.53		.98		.20	.58	.18		.19	.24				.02					.16	.21				.31		.01	.16		1.29			
PHILLIPSBURG	7.21		1.33		.90	2.01	.52		.45	.48			T	.11	T			.04	.62	.18		T		.52	.05	T	T			T		
PHILLIPSBURG BRIDGE	6.55		1.40	.05	T	1.50	.50	1.34		.76	T			.29	T					.29				.34	.05	.03	T					
PLAINFIELD	5.93	T	.90		1.01	.98	.54		.40	.18			T	.02	T			.05	.52	.16		.02		.08		.27	.07	.01	.71	.03		
PLEASANT RUN	4.88		.45	.21	.07	1.70	.87				T			.09					.56	.34		T		.33	T		.03			.21		
PLEASANTVILLE 1 N	3.28	T	.14	.24		.19	.11	.05		.58				.27	.07			.01	.07	.04			T	.22	.04	.04	.09		.04	1.08		
PRINCETON WATER WORKS	5.21	.05	1.02		.91	.83			.45	.04			.01					.04	.83	.12				.19					.69	.03		
RAHWAY	5.56	.06	.90		1.08	1.05	.21		.44	.06			T					.01	.77		T			.50		T	.15		.18	.13		
RIDGEFIELD	5.38		.79		1.20	1.01	.14		.50	.19			.05					T	.53	.06	.01			.56		.10	.01		.23			
RINGWOOD	5.58		1.06		.33	1.64	.74		.01	.90				.04					.20	.12		.01		.25			.19			.89		
RUNYON	5.02		1.14		.47	1.15	.27		.32	.21								.08	.42	.44		.03		.24					.08	.17		
SANDY HOOK LBSTA		RECORD MISSING																														
SOMERVILLE	5.77		.78		.84	1.10	.78		.50	.06								.02	.69	.23		.04		.47		.02		.83		.19		
SPLIT ROCK POND	5.53		.87	.11	.14	1.64	.60			.00				.03					.28	.30		.02		.46			.14					
SUSSEX 3 N	5.38		.63	.15	.08	1.57	.95	.03		.75				.18					.06	.19		.05		.27	.03		.02		.42			
SWEDESBORO 5 NW	4.34		1.48		T	.73	.60		.01	.29								.02	.03	.05	T			.13	T	.01	.41			.58		
TOMS RIVER	3.90		.77		.22	.85	.05		.23				.03					.28	.19					.80						.70		
TRENTON 2	5.57	.09	1.05		.72	.85	.63		.46	.05			.05	.01				.05	.57	.35				.33		.03	.15			.18		
TRENTON WB CITY R	4.93	.04	.95		.76	.65	.50		.33	.07			.02					.03	.62	.20				.31		T	.30		.04	.11		
VINELAND	2.74		.14	.51		.25	.27	.04		.19								.05	.07					.89	.02		.41			.78		
WANAQUE RAYMOND DAM	5.30		.74	.30	.11	1.71	.88			.78				.05					.22	.15		.02		.30	T		.12					
WERTSVILLE	6.05		.73	.26	.12	1.11	.73	T		.50				.04					.52	.59	T			.19	.01	.02	.01			1.22	T	
WESTFIELD	8.00		.99		.90	1.79	.80		.65	.15			.10					.07	.75	.05				.67	.18	.38			.43	.17		
WOODCLIFF LAKE	5.48		1.00		1.20	1.02	.64		.64	.10									.48					.38		.04						

See Reference Notes Following Station Index

Table 5

DAILY TEMPERATURES

NEW JERSEY
APRIL 1957

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	40	69	47	45	59	55	64	50	50	56	51	58	49	50	50	53	56	55	51	54	77	58	64	77	54	62	76	69	72	72		58.4
	MIN	41	42	36	39	45	46	44	42	38	36	37	42	30	37	33	40	48	49	47	47	54	49	49	52	51	52	53	52	59	57		44.0
AUDUBON	MAX	61	65	66	47	64	64	66	55	52	56	63	75	40	40	55	63	62	59	64	70	67	74	71	83	63	78	90	88	78	72		66.3
	MIN	32	40	32	35	38	46	44	30	36	31	30	42	33	35	33	31	48	52	50	43	54	52	48	60	52	53	60	53	58	59		43.8
BELLEPLAIN	MAX	61	70	65	62	62	62	65	63	51	58	59	75	65	52	54	59	65	66	70	75	90	88	68	83	72	80	00	89	88	75		69.4
	MIN	28	50	30	31	36	48	42	41	37	27	23	51	30	27	28	26	37	50	44	45	57	44	48	52	53	54	56	52	62	50		42.0
BELVIDERE	MAX	61	58	51	45	40	51	61	54	47	53	63	71	40	51	58	64	56	61	66	69	85	76	75	70	71	82	89	00	83	70		64.6
	MIN	28	45	31	32	33	35	42	40	34	30	27	36	31	31	28	27	47	49	52	42	54	50	47	57	53	52	61	52	58	48		41.7
BOONTON 2 SE	MAX	53	57	63	48	35	50	52	60	44	44	51	58	60	46	47	53	50	55	59	63	73	83	66	72	82	64	80	82	86	77		61.0
	MIN	27	39	34	31	30	35	43	40	33	33	28	38	32	32	31	30	40	47	49	38	45	49	45	49	50	49	52	53	55	53		40.3
BRIDGETON 1 NE	MAX	52	60	60	52	50			64	52	50	56	64	75		49	54	60	64	65		72	87	65	70	81	60	78		89	75		64.9
	MIN	28	44	33	38	36			41	36	30	24	50	30		30	26	46	51	50		46	56	48	52	53	53	56		54	53		42.6
BURLINGTON	MAX	61	61	52	50	62	62	63	62	51	55	65	76	53	50	54	62	50	61	62	66	86	82	72	84	75	83	85	85	85	70		66.8
	MIN	32	48	35	33	36	46	37	35	36	34	29	50	34	35	33	29	48	51	50	43	53	56	49	57	53	45	51	53	58	55		43.5
CANOE BROOK	MAX	55	59	62	45	49	60	52	61	44	44	51	62	68	47	47	54	62	57	66	61	75	84	65	74	82	64	84	86	84	78		62.7
	MIN	34	43	31	31	31	38	43	42	34	27	26	34	34	37	24	22	43	49	54	46	47	48	47	54	51	44	54	53	56	49		40.9
CAPE MAY 3 W	MAX		60	55	50		58	62	61	52	56	55	65	57	52	53	57	62	66	61		83	71	66	79	67	75	79	79	74	70		63.9
	MIN		30	40	37		41	43	43		43	35	50	32	39	39	42	47	50	48	44		54	50	52	54	53	56	57	58	56		46.2
CHARLOTTEBURG	MAX	57	58	59	45	35	49	50	58	42	40	49	50	70	45	45	52	60	56	60	64	71	81	65	79	80	60	85	81	84	75		60.0
	MIN	22	35	29	29	29	33	40	37	29	29	27	35	29	29	29	20	33	46	48	33	42	50	44	48	49	49	50	51	58	51		37.8
CLAYTON	MAX	60	68	56	49	62	62	64	61	50	62	50	73	55	46	54	59	60	59	62	72	88	84	70	80	74	78	89	88	87	74		66.8
	MIN	31	49	34	34	37	41	42	40	34	33	32	40	33	31	29	29	40	50	45	44	53	55	48	57	53	52	58	53	58	52		43.2
ELIZABETH	MAX	60	63	59	48	55	60	64	60	48	54	62	72	63	52	57	63	59	57	62	65	87	78	70	83	71	78	77	83	81	70		65.7
	MIN	29	49	31	32	33	44	42	39	34	20	28	30	33	30	27	29	47	50	49	39	54	45	49	57	52	49	50	52	58	52		42.0
ESSEX FELLS SERV BLDG	MAX	62	60	62	50	30	60	52	60	46	42	50	58	68	47	50	57	58	57	60	62	75	85	64	69	80	69	77	78	82	76		61.8
	MIN	46	48	37	31	33	36	44	40	32	30	30	40	34	30	35	30	44	45	50	43	49	54	48	48	50	48	49	50	57	55		42.5
FLEMINGTON 1 NE	MAX	50	62	51	48	42	61	63	58	47	53	62	74	47	48	55	62	58	55	62	65	84	77	75	84	63	80	85	87	80	77		64.1
	MIN	24	45	32	31	33	42	42	40	34	20	24	31	32	30	25	23	46	48	50	37	50	49	46	56	51	50	57	52	57	46		40.4
FREEHOLD	MAX	61	62	55	48	59	62	63	58	47	52	62	75	60	49	55	63	58	55	60	69	86	76	71	82	68	78	76	87	78	76		65.0
	MIN	31	48	30	32	34	45	41	38	33	30	28	48	33	32	28	30	45	50	47	41	55	53	46	59	50	50	60	50	57	53		42.6
HAMMONTON 2 NNE	MAX	56	62	60	55	52	65	63	65	49	53	58	64	76	51	53	56	64	62	64	64	71	90	66	73	86	64	82	91	00	78		66.4
	MIN	32	47	33	38	37	51	42	42	36	32	28	44	34	31	30	33	47	50	50	43	50	54	48	51	52	53	57	52	57	53		43.6
HIGH POINT PARK	MAX	48	51	52	30	32	43	44	50	34	33	42	56	65	47	38	47	55	50	57	62	67	76	74	72	74	59	81	81	79	71		56.0
	MIN	27	31	23	18	25	24	35	31	24	23	26	33	23	24	24	33	42	43	45	41	49	46	41	46	43	45	51	58	51	44		35.6
HIGHTSTOWN 1 N	MAX	60	63	55	46	60	62	62	50	48	53	62	73	53	48	54	62	58	54	60	64	84	74	72	82	72	77	81	86	78	70		64.4
	MIN	31	40	31	32	34	46	41	38	34	31	29	47	33	30	28	28	46	50	49	40	54	54	47	59	50	50	60	51	56	53		42.7
INDIAN MILLS 2 W	MAX	60	64	52	44	63	63	65	58	50	55	63	76	50	47	55	62	61	61	62	73	88	76	72	84	66	79	89	80	77	70		65.8
	MIN	28	48	34	35	38	46	42	39	35	27	22	49	33	26	23	23	47	50	49	40	52	51	48	56	52	52	56	52	57	51		42.0
JERSEY CITY	MAX	58	61	49	40	55	55	62	49	44	50	50	70	47	47	56	55	55	54	57	60	82	62	68	78	62	72	69	70	74	72		59.7
	MIN	37	46	34	32	32	45	42	36	30	34	34	38	33	35	35	36	48	50	48	48	59	49	49	60	50	48	53	52	60	58		43.7
LAKEWOOD 2 ENE	MAX	52	62	51	41	61	58	65	50	49	53	60	77	49	48	54	62	59	53	57	71	80	67	73	70	54	80	76	82	74	72		62.6
	MIN	32	38	29	32	34	45	43	40	30	28	22	30	31	27	28	22	47	47	30	36	55	46	47	50	50	51	50	50	50	44		39.4
LAMBERTVILLE	MAX	59	61	52	47	47	62	63	59	49	54	62	72	51	48	55	62	57	56	63	64	85	77	74	83	77	70	87	88	78	76		64.9
	MIN	29	47	34	32	33	45	43	39	35	30	26	40	33	30	27	26	47	50	51	41	48	46	46	57	52	51	58	52	60	48		41.0
LAYTON 3 NW	MAX	57	58	50	42	37	50	58	50	42	55	60	70	46	45	50	62	56	63	66	72	83	78	77	82	78	87	88	85	81	72		63.3
	MIN	19	42	25	28	30	34	38	35	31	20	20	28	28	28	19	18	46	44	48	38	50	50	42	63	53	50	55	52	57	47		37.0
LEESBURG STATE FARM	MAX	52	70	64	55	58	59	64	63	52	57	57	71	62	47	54	58	63	65	64	63	88	86	68	83	64	68	87	88	62	76		66.0
	MIN	38	40	32	36	28	48	44	42	37	35	25	51	30	29	31	27	46	51	44	49	54	55	48	55	54	55	55	58	62	53		44.0
LITTLE FALLS 1 E	MAX	58	60	65	52	38	48	52	63	46	46	52	62	74	48	50	58	63	58	61	66	78	87	68	75	83	64	85	81	86	82		63.6
	MIN	34	44	33	31	30	37	38	42	33	32	32	38	33	33	30	29	47	48	50	30	47	46	46	51	50	48	54	55	57	56		41.4
LONG BRANCH	MAX	56	61	50	41	58	59	62	40	45	51	55	76	46	46	52	56	59	52	55	64	85	62	65	76	52	64	70	72	73	70		59.4
	MIN	33	40	34	33	38	45	44	39	35	34	31	40	35	34	32	33	47	48	43	41	58	48	46	50	49	50	50	50	59	56		42.5
LONG VALLEY	MAX	57	60	50	42	41	65	60	55	44	50	58	71	65	48	54	60	56	58	61	65	65	79	71	81	75	82	83	85	60	70		63.3
	MIN	23	40	26	28	31	37	40	37	31	27	23	38	29	26	24	22	44	47	50	35	52	50	52	57	50	51	57	52	52	42		39.1
MILLVILLE	MAX	54	60	70	54	58	62	55	65	55	52	58	62				55	60	65	67	66	70	89	67	69	83	61	80	90	00	77		66.8
	MIN	32	44	34	41	38	63	43	43	38	31	28	44			31	30	42	51	51	45	52	57	49	52	54	54	57	54	57	54		45.0
MILLVILLE AIRPORT	MAX																																
	MIN																																
MOORESTOWN	MAX	60	64	51	42	63	62	66	40	50	54	63	74	47	47	54	62	60	58	61	67	86	65	71	82	58	77	88	87	76	70		63.8
	MIN	34	50	33	34	39	45	44	39	36	32	27	39	34	33	32	28	38	51	43	42	54	49	48	53	52	52	54	53	57	49		42.5
MORRIS PLAINS	MAX	58	62	56	47	30	51	60	57	44	50	50	71	64	47	54	59	58	55	60	65	84	78	71	81	75	80	80	85	79	77		63.5
	MIN	26	45	32	30	30	37	41	37	32	28	24	40	31	28	25	25	45	47	50	36	56	51	45	61	50	48	58	53	58	47		40.5
NEWARK WB AIRPORT	MAX	61	62	50	42	60	60	64	50	46	52	63	73	49	50	57	63	57	58	63	67	88	64	74	61	61	61	73	81	61	74		63.5
	MIN	34	39	35	32	34	44	44	36	34	31	31	39	34	34	33	34	48	51	47	43	57	50	48	58	49	49	54	52	61	55		43.0
NEW BRUNSWICK EXP STA	MAX	50	62	60	49	47	63	62	50	46	52	62	72	62	48	55	61	58	54	60	62	84	79	72	70	65	78	77	85	77	77		64.2
	MIN	31	48	31	30	32	45	43	38	33	31	28	46	32	32	28	29	46	49	48	41	52	53	46	58	49	40	57	50	57	54		42.2
NEWTON	MAX	57	58	59	45	34	47	40	59	40	42	49	60	63	44	45	54	62	55	62	65	70	60	69	72	80	60	83	86	66	77		60.4
	MIN	24	39	30	20	30	34	40	38	31	26	26	32	30	20	28	23	43	47	49	37	48	49	45	50	52	50	53	54	57	51		39.1
PATERSON	MAX	55	61	64	51	48	50	55	62	46	45	52	61	75	48	40	56	62	59	59	69	74	86	70	75	83	62	82	80	85	80		63.5
	MIN	35	43	34	31	31	36	43	41	34	32	32	41	33	33	32	32	47	50	50	47	54	53	48	51	50	49	53	55	61	55		42.0
PEMBERTON 3 E	MAX	62	63	60	50	62	63	65	63	50	55	62	75	58	49	54	62	61	58	62	70	87	71	72	84	59	77	86	87	76	76		66.0
	MIN	28	48	30	34	36	43	38	39	38	28	26	47	33	27	33	24	41	50	48	39	54	55	47	54	51	52	55	51	54	49		41.7
PHILLIPSBURG	MAX	60	67	60	40	42	56	58	60	46	52	60	69	65	48	55	60	62	56	63	67	83	83	68	70	79	80	88	86	88	78		65.6
	MIN	35	45	32	32	33	42	43	39	34	32	34	37	32	31	29	27	47	50	50	41	50	47	47	57	52	53	59	59	50	51		42.6
PLAINFIELD	MAX	60	63	52	45	48	61	63	56	47	53	63	74	50	49	56	63	60	56	62	65	86	63	71	81	60	70	76	85	80	72		63.3
	MIN	29	47	32	33	34	46	43	38	34	28	27	39	33	30	26	27	45	50	50	39	55	54	57	58	53	50	58	50	59	52		42.5
PLEASANTVILLE 1 M	MAX	52	56	69	51	56	50	59	67	51	52	58	57	70	50	54	52	58	65	60	57	71	00	61	73	80	60	78	82	60	80		63.6
	MIN	28	46	32	39	38	51	41	41	36	28	24	44	32	30	28	28	45	40	49	44	51	52	43	50	52	54	55	53	54	53		42.3

See reference notes following Station index.

Table 5 - Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RIDGEFIELD	MAX	60	60	50	40	59	59	64	49	43	54	62	75	50	50	57	62	57	60	66	66	85	71	70	83	61	80	81	85	81	73		63.0
	MIN	35	37	31	33	33	43	43	35	33	30	30	38	34	33	28	30	45	50	50	42	58	50	49	53	49	49	59	54	60	56		42.3
RUNYON	MAX	62	65	61	50	51	63	65	63	47	54	65	77	57	48	58	65	62	62	64	66	88	76	80	87	65	82	81	90	81	81		67.2
	MIN	26	50	25	33	38	43	42	39	35	25	23	42	28	26	25	21	47	50	44	35	54	48	46	58	50	50	56	51	57	51		40.6
SANDY HOOK LBSTA	MAX																																
	MIN																																
SOMERVILLE	MAX	60	63	53	45	52	61	63	56	47	53	63	74	50	50	54	62	58	56	63	65	86	79	74	80	64	80	81	88	79	76		64.5
	MIN	25	48	30	32	33	46	43	39	34	27	24	34	32	29	25	25	46	50	51	38	50	53	47	57	52	50	57	50	56	46		41.0
SUSSEX 3 N	MAX	54	57	59	49	34	47	51	58	40	41	49	59	68	44	44	53	61	55	62	66	69	81	69	71	82	60	83	87	83	76		60.4
	MIN	23	33	29	27	27	31	37	36	30	27	26	33	28	26	29	26	32	45	46	38	45	46	44	45	50	48	50	54	55	50		37.2
TRENTON 2	MAX	57	62	52	44	62	62	64	50	50	55	63	75	49	50	56	62	58	55	63	65	86	69	75	84	58	79	88	86	78	71		64.3
	MIN	34	38	34	33	37	44	43	39	34	33	30	40	33	32	30	31	46	52	49	45	55	49	48	58	52	52	58	53	58	56		43.3
TRENTON WB CITY	MAX	59	62	50	43	63	61	63	47	48	53	62	73	46	47	55	61	57	55	60	68	85	63	73	83	58	78	67	88	77	71		63.1
	MIN	35	40	35	33	37	45	44	39	34	36	34	38	33	34	33	35	49	52	48	45	56	50	48	54	51	50	54	52	59	57		43.7

Table 6

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
PLEASANTVILLE 1 N	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	*	.42	.21		-
	WIND	45	46	94	33	53	72	102	60	73	97	62	63	81	40	66	31	63	26	10	13	37	50	33	22	23	19	12	14	37	27		1404

DAILY SOIL TEMPERATURES

Station And Depth		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	52	52	53	43	46	46	53	45	47	46	51	56	51	43	53	52	50	50	56	55	66	60	61	64	55	64	65	66	66	70		55.0
	MIN	37	43	39	36	37	42	41	41	36	36	36	40	40	36	37	37	44	47	47	46	50	51	51	54	53	52	57	55	56	54		44.6
2 INCHES	MAX	46	51	50	44	46	47	50	45	46	46	46	54	49	42	50	49	46	49	53	53	60	57	56	61	55	67	62	64	65	65		52.5
	MIN	36	45	41	36	36	43	41	42	40	37	37	41	42	39	36	39	44	47	46	47	50	52	51	54	53	52	57	56	59	57		45.6
4 INCHES	MAX	46	50	49	49	45	47	49	43	45	45	46	52	46	41	49	49	46	49	52	52	59	57	57	60	59	60	62	63	64	64		52.6
	MIN	39	45	41	36	36	43	41	42	40	36	36	42	43	40	39	40	45	47	46	47	50	52	51	54	53	52	57	56	59	57		45.8
6 INCHES	MAX	44	47	46	44	42	45	46	45	43	43	44	46	47	44	46	46	46	47	50	50	54	54	54	57	56	56	56	59	60	60		49.4
	MIN	41	44	43	40	40	42	43	43	42	40	40	43	44	42	41	42	44	46	47	47	49	52	51	53	53	52	56	56	56	56		48.4
16 INCHES	MAX	43	45	44	44	42	44	44	44	44	43	43	45	45	45	44	44	45	45	47	47	50	51	51	53	53	53	55	55	57	57		47.4
	MIN	42	43	43	42	41	42	43	43	43	42	41	43	44	43	43	43	44	45	45	46	47	50	50	51	52	51	53	54	55	56		46.0
32 INCHES	MAX	42	43	43	43	43	43	43	43	43	43	43	43	43	44	44	44	44	44	45	45	46	47	47	48	49	49	50	50	51	52		45.2
	MIN	42	42	42	43	42	42	42	43	43	43	43	43	43	43	43	43	43	43	44	44	45	46	47	47	46	49	49	50	50	51		44.6

Measured under Kentucky Bluegrass.

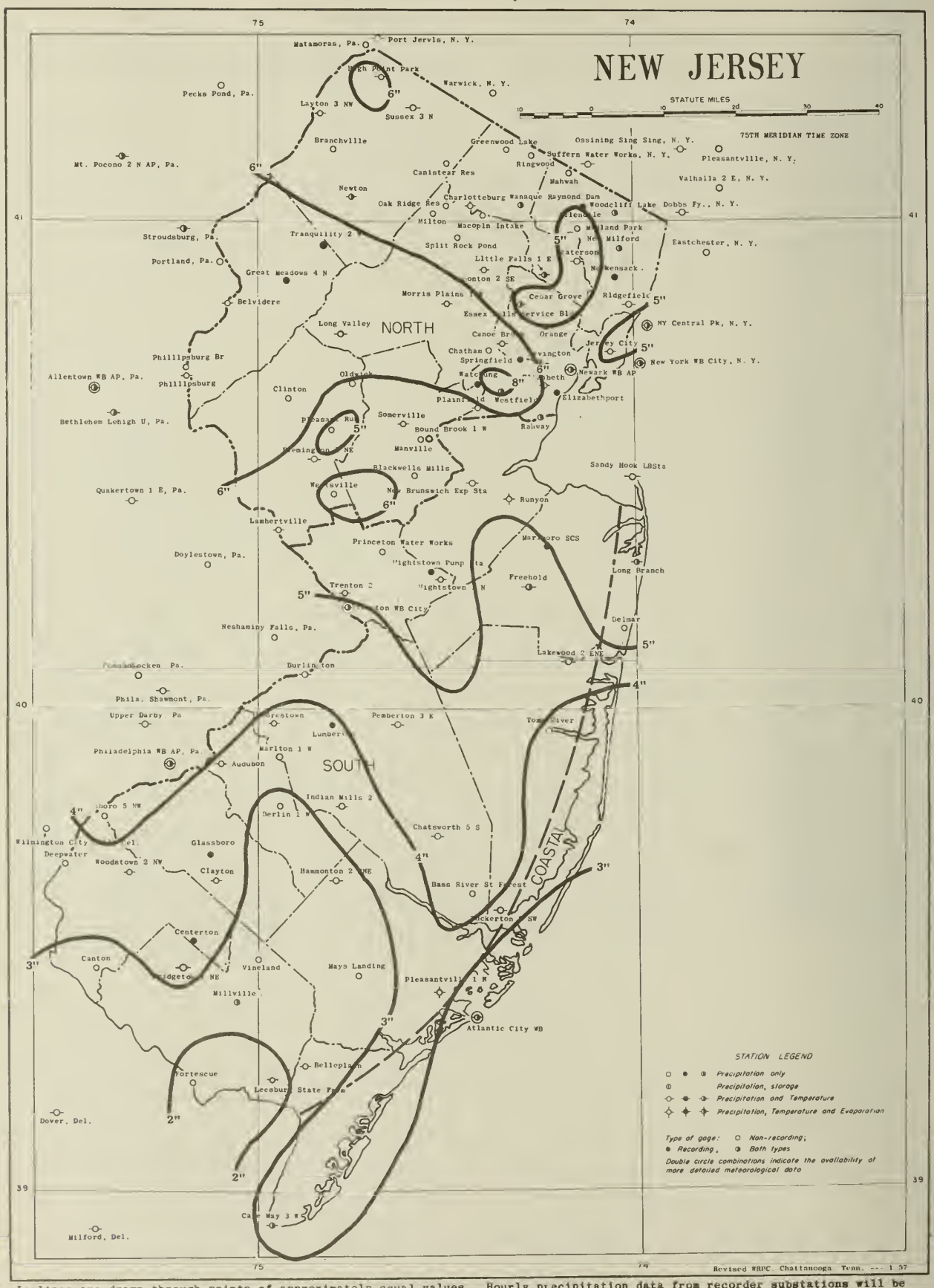
See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	SNOWFALL													1.0																		
	SN ON GND													T																		
	WTR EQUIV																															
BELVIDERE	SNOWFALL				5.0										T																	
	SN ON GND				-																											
CHARLOTTEBURG	SNOWFALL				.5	7.0				1.0																						
	SN ON GND				1	4	2			1																						
FLEMINGTON 1 NE	SNOWFALL				4.0								T		T																	
	SN ON GND				2	T																										
FREEHOLD	SNOWFALL				1.8																											
	SN ON GND				T																											
HIGHTSTOWN 1 N	SNOWFALL				.8																											
	SN ON GND				T																											
INDIAN MILLS 2 W	SNOWFALL													T																		
	SN ON GND																															
LAKEWOOD 2 ENE	SNOWFALL				T																											
	SN ON GND																															
LAMBERTVILLE	SNOWFALL				1.0					T																						
	SN ON GND				T																											
LAYTON 3 NW	SNOWFALL				8.2					.2																						
	SN ON GND				8																											
LITTLE FALLS 1 E	SNOWFALL				.7	4.0				T																						
	SN ON GND				1	3	T			T																						
LONG BRANCH	SNOWFALL				1.0					T																						
	SN ON GND				T																											
LONG VALLEY	SNOWFALL				6.0																											
	SN ON GND				-	-																										
MILLVILLE	SNOWFALL													-																		
	SN ON GND													-																		
MOORESTOWN	SNOWFALL				T																											
	SN ON GND																															
MORRIS PLAINS	SNOWFALL				5.3	T				T					T																	
	SN ON GND				-																											
NEWARK WB AIRPORT	SNOWFALL				4.1					T																						
	SN ON GND				T	1																										
	WTR EQUIV																															
NEW BRUNSWICK EXP STA	SNOWFALL				2.0					T																						
	SN ON GND				2																											
NEWTON	SNOWFALL				2.0	3.0				1.0																						
	SN ON GND				2	5	1			1																						
PATERSON	SNOWFALL				.5	5.5																										
	SN ON GND				1	3																										
PHILLIPSBURG	SNOWFALL				3.5					T					T																	
	SN ON GND				4	T																										
PLAINFIELD	SNOWFALL				3.0					T					T																	
	SN ON GND				2																											
RAHWAY	SNOWFALL				2.0				T																							
	SN ON GND				2	T																										
RIDGEFIELD	SNOWFALL				5.0					T																						
	SN ON GND				5					T																						
SOMERVILLE	SNOWFALL				3.0																											
	SN ON GND				2																											
TRENTON WB CITY	SNOWFALL				1.4					T																						
	SN ON GND				T																											
WANAQUE RAYMOND DAM	SNOWFALL				.7	4.5																										
	SN ON GND				1	5																										

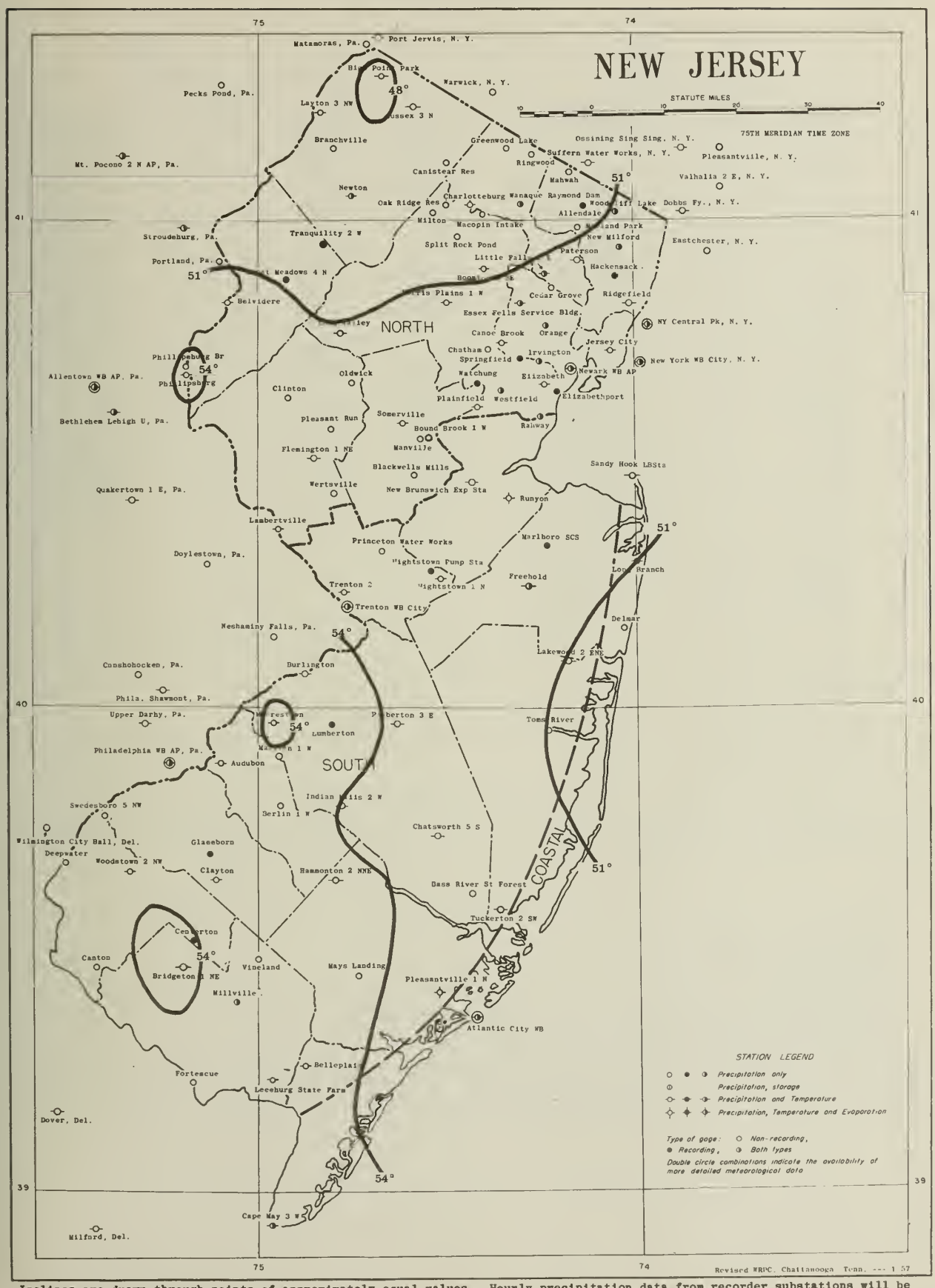
See reference notes following Station Index.

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	2T0		MID	BERGEN COUNTY ENGS	C
#ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 T C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P	N.Y. FORESTRY SVC	3 7
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P	MRS. ED C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P	MISS C. S. HIXSON	2 3 5 T
BERLIN 1 W	0787	CAMDEN	T	39 48	74 57	150		7A	SAMUEL H. MC CULLEY	3
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	2T		TA	HENRY M. MILLER	3
BOONTON 2 SE	090T	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WTR WKS	2 3 5
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A	AMERICAN CYANAMID CO	3
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		TA	ALBERT M. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 8
CANTON	1343	SALEM	2	39 28	75 25	10		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	NEWEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	TA	NEWARK WATER DEPT	2 3 5 T
CHATHAM	1590	MORRIS	8	40 44	T4 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	T4 32	90	5P	5P	WILLIAM S. HAINES	INAC 1/57
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1T49	HUNTERDON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	T5 10	5		7A	JOHN LOPER	3
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. MOREAU	2 3 5 T C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	550		MID	MICHAEL OZYOWSKI JR.	C
GREENWOOD LAKE	3518	PASSAIC	8	41 09	74 20	660		7A	GEORGE T. WIGGINS	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	T	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1600	8A	8A	N. J. DEPT. OF CONS.	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 T
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	56	MID	MID	GEORGE G. WADDILL	2 3 5 T C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 5T	75	6P	6P	E. E. CASE	2 3 5 7
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. M. DEPUE	2 3 5 7
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P	LEESBURG STATE FARM	2 3 5
LITTLE FALLS 1 E	488T	PASSAIC	8	40 53	74 14	157	9A	9A	PASSAIC VLY WTR COMM	2 3 5 T C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID	STORM WARN. DSPL STA	2 3 5 T C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	T4 24	584		9A	NEWARK WATER DEPT	3
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A	ROBERT G. GLASGOW	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. BRADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P	DAVID GRISCOM	3
MAYS LANDING	5346	ATLANTIC	3	39 2T	74 44	50		5P	ELMER EARLE	3 7
MIDLAND PARK	5503	BERGEN	8	40 59	74 09	210		8A	CORNELIUS HOWARD	3
MILLVILLE	5578	CUMBERLAND	6	39 24	75 03	60	8A	8A	L. J. GALLAHER	2 3 5 7 C
MILLVILLE AIRPORT	5581	CUMBERLAND	6	39 22	75 04	68	8A	8A	AIRPORT MANAGER	2 3 5
MILTON	5597	MORRIS	8	41 01	74 32	950		TA	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A	H. J. WILLARD	2 3 5 7
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 T
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTHUR H. AHLQUIST	2 3 5 T G
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR COMM	2 3 5 T C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
OLDWICK	6544	HUNTEROON	10	40 40	74 45	260		8A	DAN A. COUGHLIN	3
ORANGE	6580	ESSEX	8	40 4T	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6TT5	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. OOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	T5 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5 T
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	T5 12	190		9A	JOINT TOLL BRDGE CON	3
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANT RUN	7123	HUNTEROON	10	40 34	74 48	140		TA	JOHN H. BERRYMAN	3
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID	PRINCETON WATER CO	3
RAHWAY	7393	UNION	9	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 7 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 T
RINGWOOD	7587	PASSAIC	8	41 08	74 18	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. HAVER	2 3 5 T
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A	BRICE B. STANTON	2 3 5
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 5T	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MID	H. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID	E. H. RISTOW	2 3 5
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8899	OCEAN	1	39 35	74 22	45	8A	8A	VERNON W. MOTT	INAC 12/56
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A	WATER SUPPLY COMM	3 T C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MID	BONNIE BURN SAN.	C
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		TA	ROBERT M. MANNERS	3
#WESTFIELD	9455	UNION	9	40 39	74 21	138		5P	CITY ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	9910	SALEM	2	39 40	75 20	16	6P	8A	WOODROW W. HALTER	INAC 2/56

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for September 1958.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in the standard of time in local use.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5, is indicated by no entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.
+ And also on a later date or dates.
++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with a windshield.
\# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
AM Data based on observational day ending before noon.
B Adjusted to a full month.
C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
G In the "Refer to Tables" column in the Station Index the letter "G" indicates that soil temperatures are published.
M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Data".)
T Trace, an amount too small to measure.
V Includes total for previous month.

Information concerning the history of changes in location, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, Annual for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC., Asheville, N. C. --- 6/11/57 --- 750

05
J
1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

MAY 1957
Volume LXII No. 5

THE LIBRARY OF THE
JUL 2 1957
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1957

WEATHER SUMMARY

GENERAL

The weather in May was characterized by drier than usual conditions with somewhat variable temperatures. Several communities suffered considerable damage from thunderstorms.

Temperatures averaged slightly lower than seasonal in the Northern Division and somewhat higher than seasonal in the other divisions. High readings for the month varied from 81° at High Point Park on the 10th to 95° at Little Falls 1 E on the 14th. Almost one-half of the stations in the State reported minimum temperatures for May that were freezing or below with a reading of 26° at High Point Park on the 3rd as the lowest.

Precipitation averages were well below the long-term values in all divisions. Deficiencies in precipitation were indicated at all stations except Ridgefield for which comparative data are available. A torrential downpour of 4.65 inches at Ridgefield on the 14th was the greatest amount for one day as well as being the major factor in producing a departure of +1.75 inches, and a total of 6.02 inches which was the greatest total in the State. Mays Landing was the driest station with a total of only 0.21 inch. The percentage of possible sunshine showed an excess at Atlantic City and a slight deficiency at Trenton. Daytime cloudiness averages at Atlantic City, Newark and Trenton were less than the long-term values.

WEATHER DETAILS

Warm weather which prevailed as April ended continued on May 1st with maximum readings that exceeded 80 degrees, however a cold front moved across the State late on the 1st bringing cooler temperatures. The next four days brought the coldest spell of the month with most stations reporting their lowest reading of the month on the 4th. During the period 6th-15th average temperatures showed positive departures that were well above average for the period. For the remainder of the month pressure patterns that controlled the State's weather caused considerable fluctuation in temperatures, but the most noteworthy occurrence during this time was the four day period 19th-22nd when average readings dropped well below expected levels.

Precipitation which occurred during the first ten days of the month was very light and of little consequence. Middle of the month rains were more pronounced over North Jersey, but rains which occurred on and around the 20th were more general and furnished some relief to most of the State. Showers with rather widely variable amounts were reported from some stations on the 26th, and on the 27th from most stations.

WEATHER EFFECTS

The growth of field corn was slow due to the cool temperatures occurring during the month, and some of it was planted very late because of dry soil conditions. Some oats were planted late due to early April rains and growth has been slow in most areas. Fields of winter wheat made fair growth in May due to the dry weather but rainfall was timely enough and heads filled out satisfactorily. Hay prospects varied considerably from excellent in North Jersey where rainfall was adequate and insect damage was light to poor in some South Jersey fields where precipitation was very limited and weevil infestation was heavy. Vegetables made good progress where irrigation was used, but dry weather had its effect in most areas.

Apple prospects appeared favorable with a heavy bloom and set on most varieties in most areas, but May frost caused damage on some unfavorable locations. The weather was good for keeping a good spray cover, and fruit sized well despite the dry May. Peach orchards in the State came into bloom on an average of about 8 days earlier than last year. The weather was warm and sunny during the pollination period and resulted in a good set generally, although some orchards were lighter than last year. Canker was a serious problem in some locations. Curculio and twig injury were also much in evidence in some orchards.

DESTRUCTIVE STORMS

From mid-afternoon of the 14th to early morning of the 15th a series of thunderstorms occurred over central and southern Bergen County, southeast Passaic County, eastern Essex County, and Hudson County. These storms produced torrential rains resulting in flooding of cellars, numerous street and highway washouts, and damage to stalled automobiles. Accompanying lightning set small fires in several residences and one theater. Wind and lightning damage disrupted power service in some communities.

About midnight of the 23rd-24th in Essex County, a few homes and utility poles were damaged by lightning, and localized wind squalls downed trees and power lines.

On the 26th from 7 p.m. to 9 p.m. thunderstorms occurred over the northwest portions of Gloucester, Camden, and Burlington Counties, also parts of Mercer and Middlesex Counties. These storms accompanied a cold front passage which moved rapidly across the area. Even though the duration was brief, the intensity was severe in communities affected. Strong winds downed trees and power lines, also caused minor building damage. Lightning interrupted power service, particularly in Camden County, and set fire to several buildings. About one-half inch of rain in 30 minutes slowed highway traffic.

FLOODS

None were reported.

Franklin W. Long, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No. of Days: 1.0 or More	5.0 or More	1.00 or More
NORTHERN																								
BELVIDERE		77.0	48.6	62.8	.5	92	13	34	3	124	2	0	0	0	3.41	- .82	1.23	24	.0	0		6	3	1
BOONTON 2 SE	AM	70.5	46.8	58.7	- .6	85	14	35	3	217	0	0	0	0	2.84	- 1.51	1.91	15	.0	0		3	1	1
CANOE BROOK	AM	71.6	45.5	58.6	- .3	88	27	34	4+	230	0	0	0	0	1.79	- 2.74	.68	15	.0	0		5	1	0
CHARLOTTEBURG	AM	69.6	43.7	56.7	- 2.2	84	11	30	17	271	0	0	3	0	1.65	- 2.76	.45	24	.0	0		6	0	0
ELIZABETH		75.7	49.7	62.7	.4	88	10	34	3+	123	0	0	0	0	1.42	- 2.92	.66	15	.0	0		4	1	0
ESSEX FELLS SERV BLDG	AM	72.1	49.8	61.0		84	13+	34	4	166	0	0	0	0	4.32		3.14	15	.0	0			2	1
FLEMINGTON 1 NE		77.0	46.5	61.8	- .3	90	13	31	3+	154	1	0	2	0	1.00	- 3.34	.45	20	.0	0		4	0	0
HIGH POINT PARK		65.1	43.8	54.5		81	10	26	3	332	0	0	4	0	3.40		.99	21	.0	0		5	4	0
JERSEY CITY		70.3	51.5	60.9	- .5	86	10+	38	3	164	0	0	0	0	2.62	- 1.33	1.18	14	.0	0		3	3	1
LAMBERTVILLE		77.0	48.4	62.7	1.1	88	13	31	3	137	0	0	2	0	1.53	- 2.84	.72	27	.0	0		3	2	0
LAYTON 3 NW		74.6M	44.1M	59.4M	1.0	89	9	27	17	202	0	0	5	0	2.64	- 1.47	.95	20	.0	0		5	2	0
LITTLE FALLS 1 E	AM	74.4	48.3	61.4	.1	95	14	35	4	157	1	0	0	0	3.38	- 1.20	2.19	15	.0	0		4	1	1
LONG VALLEY		72.8	44.9	58.9		86	10+	32	3	208	0	0	1	0	3.31	- .99	1.90	15	.0	0		5	2	1
MORRIS PLAINS		74.8	46.8	60.8		87	13	30	3	166	0	0	1	0	4.23		3.21	15	.0	0		4	1	1
NEWARK WB AIRPORT	R	73.8	51.9	62.9	1.8	90	10+	39	3+	132	2	0	0	0	1.87	- 1.86	.91	14	.0	0		3	1	0
NEWTON	AM	70.1	45.0	57.6	- 1.8	86	11	31	17	254	0	0	1	0	1.82	- 2.42	.35	24	.0	0		8	0	0
PATERSON	AM	72.9	50.6	61.8	- .3	90	11	37	3	154	1	0	0	0	3.93	- .55	2.55	15	.0	0		3	2	1
PHILLIPSBURG		75.6	49.3	62.5	1.1	89	1	32	4	137	0	0	1	0	3.06	- 1.24	1.87	15	.0	0		5	1	1
PLAINFIELD		74.2	48.6	61.4	.1	88	10+	32	4	147	0	0	1	0	1.70	- 2.68	.57	20	.0	0		5	1	0
RIDGEFIELD		73.9	50.0	62.0	.9	89	9+	37	3	142	0	0	0	0	6.02	1.75	4.65	14	.0	0		3	2	1
SOMERVILLE		75.8	47.9	61.9	.7	89	13	31	4	149	0	0	1	0	.77	- 3.35	.25	15	.0	0		3	0	0
SUSSEX 3 N	AM	69.8	43.8	56.8	- 3.6	85	9+	31	3	263	0	0	3	0	2.99	- .97	1.16	15	.0	0		7	3	1
DIVISION				60.4	- .3										2.71	- 1.58			.0					
SOUTHERN																								
AUDUBON		75.5	51.9	63.7		89	13	38	4	112	0	0	0	0	1.54		.65	20	.0	0		4	2	0
BELLEPLAIN		77.5	50.0	63.8		90	26	31	4	124	1	0	2	0	.80	- 3.28	.51	19	.0	0		3	1	0
BRIDGETON 1 NE	AM	76.8M	51.4M	64.1M		92	27	32	4	116	1	0	1	0	1.00		.55	20	.0	0		2	1	0
BURLINGTON		79.6	52.1	65.9	1.6	91	26	36	4	90	3	0	0	0	.46	- 3.62	.23	26	.0	0		2	0	0
CLAYTON		77.3	51.9	64.6		90	26	35	4	109	1	0	0	0	.92		.57	27	.0	0		2	1	0
FREEHOLD		75.9	49.0	62.5	.8	90	26	31	4	142	1	0	2	0	1.43	- 2.70	1.05	27	.0	0		2	1	1
HAMMONTON 2 NNE	AM	76.6M	51.0M	63.8M	1.0	94	27	34	4	129	4	0	0	0	.55	- 3.60	.32	27	.0	0		3	0	0
HIGHTSTOWN 1 N		74.8	49.0	61.9	.5	88	26	31	4	145	0	0	1	0	1.83	- 2.01	1.05	20	.0	0		3	2	1
INDIAN MILLS 2 W		75.9	47.9	61.9	- .2	91	26	29	4	160	2	0	2	0	.75	- 3.35	.49	27	.0	0		3	0	0
LAKEWOOD 2 ENE		72.9	46.3	59.6	- 1.8	92	10	32	4	218	3	0	1	0	.55	- 3.61	.29	26	.0	0		2	0	0
LEESBURG STATE FARM		76.1	51.3	63.7		88	15	36	3	108	0	0	0	0	.41		.28	12	.0	0		1	0	0
MILLVILLE	AM	75.4	52.6M	64.0M		90	27	36	4	121	1	0	0	0	.41		.13	14+	.0	0		2	0	0
MILLVILLE AIRPORT	AM																							
MOORESTOWN		73.8	49.3	61.6	- .1	89	26	33	3	159	0	0	0	0	1.69	- 2.64	.98	20	.0	0		3	1	0
NEW BRUNSWICK EXP STA		75.7	49.1	62.4	.7	87	10+	33	4	138	0	0	0	0	.96	- 3.03	.56	20	.0	0		4	1	0
PEMBERTON 3 E		77.5	47.8	62.7	- .3	91	26	30	3+	145	1	0	2	0	.74	- 3.24	.34	27	.0	0		3	0	0
PLEASANTVILLE 1 N	AM		50.1	M		86	10+	32	5+		0	0	2	0	.81	- 2.73	.46	20	.0	0		2	0	0
RUNYON		77.7	46.2	62.0	1.7	91	10+	28	3	150	4	0	3	0	1.96	- 1.78	.80	20	.0	0		3	2	0
TRENTON 2		74.8	51.8	63.3		89	13+	34	4	125	0	0	0	0	1.44	- 2.90	.73	20	.0	0		2	2	0
TRENTON WB CITY	R	73.2	52.5	62.9	1.1	88	26	36	4	133	0	0	0	0	1.40	- 2.08	.88	20	.0	0		2	1	0
DIVISION				63.0	.9										1.03	- 2.96			.0					
COASTAL																								
ATLANTIC CITY WB	R	66.5	53.5	60.0	.9	83	1	38	4	173	0	0	0	0	.54	- 2.44	.28	19	.0	0		2	0	0
CAPE MAY 3 W		70.7M	53.5M	62.1M		84	9	41	4	126	0	0	0	0	.40		.14	14+	.0	0		3	0	0
LONG BRANCH		70.1	49.9	60.0	.2	88	10+	33	4	195	0	0	0	0	1.00	- 2.64	.76	26	.0	0		2	1	0
SANDY HOOK LBSTA		74.5	51.6	63.1	2.9	87	15	38	4	108	0	0	0	0	1.17	- 2.44	1.17	20	.0	0		1	1	1
DIVISION				61.3	1.4										.78	- 2.59			.0					

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Percent of time from prevailing	Wind speed m. p. h.: Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Relative humidity averages - percent: 1:30 a EST	7:30 a EST	1:30 p EST	7:30 p EST	Number of days with precipitation: Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB CITY	-	-	15.3	35	NE	16+	-	-	-	-	5	3	2	0	0	0	10	73	5.3
LONG BRANCH	S	17	14.1	50	NW	26	-	72	58Ø	61	2	3	1	1	0	0	7	71	5.4
NEWARK WB AIRPORT	SW	12	11.3	29++	WNW	1+	70	68	48	57	7	4	2	1	0	0	14	-	5.3
TRENTON WB CITY	-	-	9.2	32	NW	26	-	-	-	-	6	2	1	1	0	0	10	60	5.7

Ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
MAY 1957

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
ATLANTIC CITY WB R	.54						.04					T					T		.04	.28	.17	T	T	T				.01				
AUDUBON	1.54					T						.07			.10					T	.65						.38	.14				
BASS RIVER ST FOREST	.35																		T	.04	.19	.02						.08	.02			
BELLEPLAIN	.80														.11					.51	.12							.06				
BELMAR	.84											.06							.05		.23	T					.48	.02				
BELVIDERE	3.41											.79				.60				.13	.46				1.23			.20				
BERLIN 1 W	1.47																				T	.55						.92				
BLACKWELLS MILLS	.96												.09			.17			.02		.02	.54						.12				
BOONTON 2 SE	2.84					T						T	.07			1.91			.02	.05	.09	.32			.38			T				
BOUND BROOK 1 W	1.08												.10			.09				.10	.31	.20			.08			.20				
BRANCHVILLE	2.28											.16				.47	.23			.11	.23	.51			.43			.14				
BRIDGETON 1 NE	1.00						.03	.03						.08	.12	T					.55		.04	.02				.09	.04			
BURLINGTON	.46					.02						.06			.15												.23					
CANISTEAR RESERVOIR	2.52												.16			.88	.37		T	.08	.17	.31		T	.44			.11	T			
CANOE BROOK	1.79												.06			.68				.15	.15	.27	.02		.40			.06	T			
CANTON	.80							.02							.17				.07		.36	.02						.14	.02			
CAPE MAY 3 W	.40											.01	.01		.14					.10	.14											
CEDAR GROVE	4.68															2.00				.10	.13	.60			1.80			.05				
CHARLOTTEBURG	1.65												.10			.30	.20			.06	.17	.37			.45							
CHATHAM	2.47												.08			.96				.07	.60	.25			.46			.05				
CLAYTON	.92						T					.03								T	.27	.05						.57				
CLINTON	1.41											.04				.58				.15	.45	.05			.04			.10				
DEEPWATER	1.74														.05				.04	.22	.51						.92					
ELIZABETH	1.42											.07	.09			.66			.01	.10	.21				.20			.08				
ELIZABETHPORT	.88											.05			.11	.01					.56				.06		.08	.01				
ESSEX FELLS SERV BLDG	4.32															3.14					*	.30			.68			T				
FLEMINGTON 1 NE	1.00				T							.06	.02		T	.12			T	.12	.45	.02			T			.21				
FORTESCUE	.71														.38					.20	.13											
FREEHOLD	1.43											.08							.03		.27							1.05				
GREENWOOD LAKE	2.17												.10			.84	.33			.04	.14	.35			.28			.07	.02			
HAMMONTON 2 NNE	.55																				.10	.13						.32				
HIGH POINT PARK	3.40												.15			.57				.03	.67	.99		.02	.97							
HIGHTSTOWN 1 N	1.83											.10			.01	.04			T		1.05							.63				
INDIAN MILLS 2 W	.75											.01			T				.01	T	.12	T						.49	.12			
IRVINGTON	2.20											.03			1.00	.05			.06	.06	.49			.45	.02		.04					
JERSEY CITY	2.62											.09			1.18				.02	.06	.73				.52		.02					
LAKEWOOD 2 ENE	.55						T					T	.09		.05				.02		.10	T					.29					
LAMBERTVILLE	1.53											.07				.14			.03		.53	.04						.72				
LAYTON 3 NW	2.64											.07	.07		.21	.20				.07	.95	.15			.92							
LEESBURG STATE FARM	.41												.28			.03	.03				.02						.02	.03				
LITTLE FALLS 1 E	3.38					T						T	.08			2.19			.01	.05	.10	.48			.45			.02				
LONG BRANCH	1.00											.03			.01				.02	T	.18						.76	T				
LONG VALLEY	3.31				.04							.09				1.90			.02	.10	.43	.02			.55			.16				
MACOPIN INTAKE	1.91												.07			.33	.16		.02	.07	.29	.34			.61							
MAHWAH	1.80												.11			.48	.24			.05	.07	.51			.33			.01				
MANVILLE	1.16											T			.12					.12	.60	T			.08		.24					
MARLTON 1 W	1.27											.06	.01		.09						.40	.02						.69				
MAYS LANDING	.21											T	T						.01	.02	.12							.06				
MIDLAND PARK	2.41											.07	.03		.03	.86	.12		.14	.03	.59				.53			.01				
MILLVILLE	.41						.03					.03			.13					.13	.09						T	T				
MILLVILLE AIRPORT		RECORD MISSING																														
MILTON	1.97													.08		.37	.15			.10	.23	.28	.13		.63							
MOORESTOWN	1.69												.08			.24					.98	T						.39	T			
MORRIS PLAINS	4.23				T							.05	.04		T	3.21				.08	.37	.10			.33			.05				
NEWARK WB AIRPORT R	1.87				T		T					.05	T		.91	T			.01	.07	.44	T		.36	T		.03	T				
NEW BRUNSWICK EXP STA	.96											.10	.02		T	.12			.02	.02	.56	.01						.11				
NEW MILFORD	3.54											.04	.02		2.08	.12	.04		.04		.96			.22	.02							
NEWTON	1.82												.10			.30	.31			.10	.28	.25			.35			.13				
OAK RIDGE RESERVOIR	1.90												.08			.35	.27			.08	.19	.41			.32							
OLDWICK	1.53												.07			.54				.14	.22	.23			.21			.12				
ORANGE	3.38												.07			2.15				*	.60	.06			.44			.06				
PATERSON	3.93					T						T	.09			2.55	.01		.04	.06	.08	.72			.38				T			
PEMBERTON 3 E	.74											.07			.15						.17							.34	.01			
PHILLIPSBURG	3.06				T		T					.04	.15		T	1.87				.10	.47	.09			.30			.04				
PHILLIPSBURG BRIDGE	2.96					.08						.05				1.70					.47	.26			.15			.25				
PLAINFIELD	1.70				T							.10	.01		T	.40				.09	.57	.02					.14	.37				
PLEASANT RUN	.99					T							.07			.23					.34	.24			.07		.04					
PLEASANTVILLE 1 N	.81														.05				.06	.23	.46					T		.01				
PRINCETON WATER WORKS	.68											.08			.02						.36						.22					
RAHWAY	1.07											.08			.07	.02			T	T	.58				.09		.23					
RIDGEFIELD	6.02				T							.06	.02		4.65	.08			.03	.05	.78	T		.23	.09		.03	T				
RINGWOOD	2.17												.09	.01		.73	.41		T	.06	.43	.13	T		.31			T				
RUNYON	1.96											.06				.78			.03		.80							.29				
SANDY HOOK LBSTA	1.17											T									1.17							T				
SOMERVILLE	.77											.05				.25				.14	.14	.04			.06			.09				
SPLIT ROCK POND	2.37												.10			.72	.08			.10	.25	.30			.80			.02				
SUSSEX 3 N	2.99					T							.12			1.16	.23		T	.05	.24	.52			.56			.11				
SWEDESBORO 5 NW	1.58						T						.03	T	T	.02			.01		.63	.04	T					.85	T			
TOMS RIVER	.77												.09			.02						.14					.52					
TRENTON 2	1.44					T						.06			.04						.73						.61	T				
TRENTON WB CITY R	1.40					T	T					.05	T	T	.01					T	.88						.46	T				
VINELAND	.50												.12						.04		.08	.04						.22				
WANAQUE RAYMOND DAM	1.73												.07			.30	.17			.05	.20	.40			.52			.02				
WERTSVILLE	.99												.07	T		.09			T	.05	.22	.37	T					.19	T			
WESTFIELD	1.92															*				*	*				1.77		.10	.05				
WOODCLIFF LAKE	2.34											.06	.04		.68	.20					.70			.64	.02							

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY W8	MAX	83	62	59	53	56	65	78	74	75	67	65	57	70	68	75	70	61	68	57	56	54	61	66	80	67	69	82	71	62	64	65	66.5
	MIN	55	47	41	38	43	47	49	58	58	58	52	51	54	58	61	52	48	57	54	49	48	50	58	64	59	60	62	55	55	57	59	53.5
AUDUBON	MAX	82	72	58	56	68	72	78	83	86	88	76	78	89	78	88	78	74	76	62	55	60	67	86	80	80	85	79	71	74	79	82	75.5
	MIN	51	48	40	38	46	48	42	51	55	59	52	51	59	62	60	52	44	57	53	49	44	43	60	66	61	53	67	56	49	49	52	51.9
BELLEPLAIN	MAX	83	81	65	59	70	68	78	88	86	88	80	79	83	79	89	88	79	79	68	58	57	66	88	85	79	90	84	78	74	74	79	77.5
	MIN	50	50	32	31	35	40	39	59	58	61	51	52	54	60	65	55	36	57	53	53	46	35	50	65	50	60	54	58	46	42	52	50.0
BELVIDERE	MAX	87	80	60	56	65	75	85	85	89	90	80	76	92	81	85	80	74	73	67	57	62	64	85	78	80	85	81	72	76	81	85	77.0
	MIN	42	41	34	36	43	46	39	46	49	55	54	52	58	59	59	52	38	57	51	42	39	42	58	52	48	58	65	53	44	48	48	48.6
BOONTON 2 SE	MAX	70	81	62	55	55	65	70	78	78	82	83	61	72	85	71	82	68	69	69	54	49	63	63	77	75	74	82	78	69	71	75	70.5
	MIN	39	38	35	37	41	45	39	48	47	53	59	50	52	55	57	53	38	45	50	45	44	37	46	59	46	53	61	54	38	43	43	46.8
BRIDGETON 1 NE	MAX	70	81	65			65	69	77	83	85	87		76	87	80	87	70		77			60	66	86	81		92	78	71	73	76	76.8
	MIN	48	47	35	32			44	52	56	60	62		51	60	64	64	41			51		39	59	65	51		57	54	47	46	49	51.4
BURLINGTON	MAX	82	82	66	56	68	70	79	84	85	85	84	85	89	90	85	86	88	89	88	59	60	67	87	81	80	91	90	78	74	78	81	79.6
	MIN	49	46	38	36	46	48	42	52	53	59	53	53	56	62	59	58	45	56	56	44	46	42	60	70	55	59	68	53	49	49	53	52.1
CANOE BROOK	MAX	70	80	62	56	58	67	69	79	81	85	87	60	74	84	68	85	67	72	68	56	56	61	65	80	75	80	88	79	69	67	71	71.6
	MIN	38	37	35	34	36	44	34	43	47	52	58	52	53	54	55	53	35	48	44	37	40	42	44	54	44	53	66	52	38	43	45	45.5
CAPE MAY 3 W	MAX	77	74	58	58	63	67	73	80	84	80	77	69	75	69	81	74	65	78	65	61	57	63	80						67	69	74	70.7
	MIN	55	53	42	41	47	50	55	58	60	61	58	54	56	60	60	58	44	57	55	55	48	45	59						53	50	57	53.5
CHARLOTTEBURG	MAX	75	75	59	59	53	64	68	76	79	82	84	59	72	82	70	82	65	69	66	51	48	61	61	79	73	75	82	78	65	72	74	69.6
	MIN	40	36	32	34	37	44	40	44	47	52	56	49	50	52	55	50	30	38	46	43	41	31	38	58	54	48	60	41	35	37	37	43.7
CLAYTON	MAX	83	81	64	57	66	70	77	82	85	86	83	79	87	86	88	86	71	78	70	56	64	65	87	85	79	90	83	79	74	76	79	77.3
	MIN	50	47	37	35	39	43	42	50	56	58	55	50	59	63	64	62	44	56	54	50	45	40	59	70	53	59	67	54	48	49	52	51.9
ELIZABETH	MAX	86	69	64	65	70	74	80	85	87	88	83	70	87	84	86	74	74	72	66	56	61	66	77	79	78	85	80	76	74	77	75	75.7
	MIN	43	44	34	34	43	46	41	48	52	56	53	52	53	61	57	54	44	55	54	46	45	40	58	63	48	56	67	53	45	47	50	49.7
ESSEX FELLS SERV BLDG	MAX	68	78	60	54	58	60	59	78	82	78	82	64	84	82	76	82	76	75	76	58	56	65	72	81	80	84	80	80	68	66	74	72.1
	MIN	54	40	36	34	39	45	44	47	54	58	50	54	58	56	58	52	46	54	56	51	44	42	44	56	55	63	64	52	42	48	48	49.8
FLEMINGTON 1 NE	MAX	83	81	62	63	68	72	80	83	85	88	77	74	90	87	87	86	72	74	65	55	62	64	83	82	79	87	85	80	75	78	80	77.0
	MIN	36	41	31	31	41	45	34	44	48	50	52	50	51	56	56	54	34	55	52	46	44	34	57	66	41	53	64	52	38	41	43	46.5
FREEHOLD	MAX	82	76	61	52	66	71	78	82	85	88	83	76	87	85	88	86	71	73	66	56	60	66	83	82	79	90	84	76	71	74	75	75.9
	MIN	45	44	32	31	38	44	45	51	53	56	51	49	52	58	56	55	40	54	53	48	44	39	57	67	48	55	65	52	44	46	48	49.0
HAMMONTON 2 NNE	MAX	73	85	69	61	58	68	73	81	86	89	91	74	82	90	80			83	71	61	56	62	68	90	84	85	94	79	73	76	78	76.6
	MIN	50	45	35	34	38	42	47	51	58	60	63	51	56	62	62		41	56	55	50	45	38	53	65	51	58	67	54	44	48	50	51.0
HIGH POINT PARK	MAX	63	74	54	50	49	62	62	74	77	81	79	60	69	77	69	80	60	65	60	44	43	55	58	73	72	70	77	74	59	68	71	65.1
	MIN	43	32	26	28	33	41	43	49	61	61	46	46	48	51	52	42	32	41	43	39	37	38	46	52	44	50	58	45	38	44	50	43.8
HIGHTSTOWN 1 N	MAX	81	78	59	53	67	70	77	81	85	87	80	74	87	80	86	79	73	73	64	53	60	66	82	78	78	88	80	73	74	77	77	74.8
	MIN	44	45	33	31	38	45	44	49	53	56	50	50	54	58	57	53	40	55	52	47	44	39	57	66	47	56	66	52	44	45	48	49.0
INDIAN MILLS 2 W	MAX	82	72	57	56	69	71	79	84	87	90	76	80	89	77	89	77	75	77	61	54	61	67	87	80	81	91	79	71	74	79	80	75.9
	MIN	43	45	30	29	34	39	35	48	56	53	52	50	54	62	59	55	36	54	52	48	45	33	58	67	43	57	66	54	40	43	45	47.9
JERSEY CITY	MAX	83	63	57	55	64	69	78	82	84	86	72	63	86	70	82	72	63	67	57	51	59	62	76	76	71	80	78	70	68	68	66	70.3
	MIN	52	44	38	39	46	51	50	54	60	64	51	50	52	53	53	54	44	57	52	45	44	47	56	52	56	60	63	54	50	52	52	51.5
LAKEWOOD 2 ENE	MAX	84	65	58	53	63	72	79	85	89	92	66	75	89	69	90	72	66	70	59	51	59	68	87	79	72	91	77	71	67	70	72	72.9
	MIN	41	43	33	32	37	38	38	54	56	58	48	48	53	57	57	45	38	53	51	45	39	34	58	51	44	55	60	46	38	40	45	46.3
LAMBERTVILLE	MAX	84	84	62	55	67	72	80	82	86	87	85	75	88	87	87	85	73	74	70	57	60	64	83	83	79	87	85	78	71	77	81	77.0
	MIN	40	42	31	32	38	48	37	44	48	53	53	51	56	60	58	56	37	55	54	48	45	41	58	63	45	55	65	54	41	46	48	48.4
LAYTON 3 NW	MAX	81	72	54	53	67	70	81	84	89	87	85	75	83	78	88	82	70	70	62	47	63	63	81	80	77	83	80	75	78	79		74.6
	MIN	31	36	30	34	49	40	30	35	40	47	45	50	55	48	55	48	27	50	45	41	41	50	60	58	40	48	65	55	32	38		44.1
LEESBURG STATE FARM	MAX	83	79	66	62	69	76	82	84	80	83	74	77	82	84	88	79	77	81	70	58	57	63	80	81	85	85	75	70	78	75	75	76.1
	MIN	49	48	36	38	39	44	50	63	49	51	52	59	60	68	64	61	42	54	53	46	46	40	50	52	60	68	53	45	43	52	55	51.3
LITTLE FALLS 1 E	MAX	74	84	65	58	64	67	73	83	84	87	88	61	76	95	72	86	70	72	69	56	62	66	66	82	78	79	86	80	72	76	76	74.4
	MIN	39	41	36	35	41	47	40	47	51	56	58	50	53	56	57	50	40	52	51	45	44	40	54	61	46	55	65	53	41	47	47	48.3
LONG BRANCH	MAX	83	63	56	56	62	68	78	83	87	88	67	64	83	64	88	67	62	68	56	52	58	63	77	76	72	85	77	68	67	68	68	70.1
	MIN	45	46	37	33	44	43	45	55	58	58	50	50	52	56	55	50	43	54	51	45	45	41	59	60	55	57	65	54	45	47	48	49.9
LONG VALLEY	MAX	83	79	54	52	66	69	71	80	83	86	81	72	86	81	81	75	69	67	64	52	60	62	77	79	75	82	76	72	71	75	77	72.8
	MIN	38	38	32	33	42	43	33	43	41	47	51	49	51	55	56	46	35	53	43	43	44	35	56	58	45	51	62	50	38	40	41	44.9
MILLVILLE	MAX	73	83	67	58	64	67	71	79	83	87	88	76	79	89	80	88	71	71	79	62	58	59	65	89	82	78	90	80	71	74	77	75.4
	MIN	52	51	40	36	41	44	44	50	56	61	63	53	54	61	63	67	46	52	54	52	47	41	53	64	57		67	56	49	49	54	52.6
MILLVILLE AIRPORT	MAX																																
	MIN																																
MOORESTOWN	MAX	82	65	57	54	68	70	78	82	85	87	72	77	88	75	85	73	72	74	59	53	60	65	85	77	78	89	78	70	74	77	80	73.8
	MIN	49	45	33	36	35	40	40	53	56	58	51	51	57	60	59	48	41	56	51	46	45	41	59	61	50	57	60	52	43	45	49	49.3
MORRIS PLAINS	MAX	81	81	62	55	68	69	80	81	84	85	84	72	87	86	83	83	70	69	65	52	61	62	76	79	76	83	84	77	72	75	76	74.8
	MIN	39	40	30	36	46	45	38	46	48	53	51	49	51	55	56	50	40	52	49	44	43	37	56	62	47	51	65	50	40	42	41	46.8
NEWARK WB AIRPORT	MAX	85	65	59	56	66	74	83	85	89	90	72	69	90	68	89	71	68	71	58	52	61	66	84	79	77	89	81	72	75	73	72	73.8
	MIN	48	45	39	39	49	51	47	54	57	62	52	51	53	57	57	52	47	56	52	44	45	44	60	64	55	60	62	54	49	52	52	51.9
NEW BRUNSWICK EXP STA	MAX	83	82	62	55	66	70	78	80	85	87	85	72	86	86	85	85	71	70	69	57	60	65	80	80	77	86	87	78	70	75	75	75.7
	MIN	44	43	35	33	40	47	44	50	52	57	51	50	53	58	55	52	42	53	52	46	44	40	57	66	47	56	66	51	44	45	48	49.1
NEWTON	MAX	69	81	61	53	54	66	69	81	82	85	86	55	75	84	70	82	67	70	61	53	46	59	62	78	74	71	83	78	68	73	76	70.1
	MIN	37	37	33	35	35	44	35	43	44	52	52	50	51	55	57	50	31	46	51	42	42	35	48	60	44	53	65	51	35	40	41	45.0
PATERSON	MAX	72	83	65	58	60	68	73	82	84	88	90	58	72	88	73	86	66	73	68	55	49	62	68	80	77	80	85	81	71	68	76	72.9
	MIN	45	43	37	38	45	50	49	56	53	62	56	51	53	55	57	52	45	50	51	46	44	44	52	62	52	56	65	55	45	50	49	50.6
PEMBERTON 3 E	MAX	81	81	64	58	70	71	78	82	86	88	82	78	87	85	88	86	73	76	70	56	60	67	85	86	80	91	89	77	72	77	80	77.5
	MIN	43	44	30	30	36	37	36	46	49	49	52	49	55	61	58	56	37	54	52	49	45	35	59	67	48	56	66	52	42	42	46	47.8
PHILLIPSBURG	MAX	89	88	63	55	65	71	77	82	85	88	88	64	88	87	82	83	70	71	70	55	58	58	75	82	77	81	85	79	72	76	81	75.6
	MIN	49	44	36	32	43	46	40	45	46	52	58	52	52	59	58	52	38	57	54	46	45	42	57	62	48	57	64	54	42	47	51	49.3
PLAINFIELD	MAX	84	67	59	54	68	71	80	82	86	88	77	73	88	76	85	75	72	73	65	52	62	65	81	78	78	86	78	73	73	76	76	74.2
	MIN	42	43	34	32	46	48	40	48	50	55	52	51	54	57	56	54	41	55	52	47	45	38	58	53	46	56	66	53	41	46	47	48.6
PLEASANTVILLE 1 N	MAX	73	84	68	60	57	62	66	79	83	86	82	72	67	80	78	86	76	76														
	MIN	51	52	36	33	32	32	40	50	48	58	59	51	53	59	60	64	42	56	53	52	46	37	57	67	53	55	65	52	47	44	49	50.1

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RIDGEFIELD	MAX	83	65	59	62	70	73	81	84	89	89	73	72	87	75	84	65	72	71	55	54	65	66	78	76	79	85	80	70	73	77	79	73.9
	MIN	45	43	37	38	43	47	41	51	59	60	51	51	54	58	58	52	43	54	53	44	44	44	58	61	50	58	60	50	44	48	50	50.0
RUNYON	MAX	76	72	62	57	70	75	80	89	88	91	87	73	91	85	91	76	71	76	71	51	67	75	84	84	85	90	86	79	74	74	78	77.7
	MIN	38	44	28	29	31	38	36	46	49	51	50	50	52	52	52	55	34	50	50	49	42	33	59	54	50	50	60	50	48	54	48	46.2
SANDY HOOK L8STA	MAX	79	79	68	55	61	74	76	82	83	86	84	63	83	85	87	86	73	70	70	59	62	67	76	78	71	83	82	78	71	69	68	74.5
	MIN	52	46	39	38	46	48	46	50	51	59	52	50	50	50	52	55	49	54	55	50	46	46	54	64	61	64	60	56	51	53	53	51.6
SOMERVILLE	MAX	84	77	57	54	67	74	80	83	86	88	84	74	89	84	87	75	73	73	64	56	62	65	82	80	78	87	84	74	73	77	79	75.8
	MIN	40	40	33	31	42	45	36	43	47	52	53	51	54	60	56	54	38	55	54	47	45	37	57	61	56	56	64	50	40	44	44	47.9
SUSSEX 3 N	MAX	68	80	60	53	55	68	68	80	83	85	85	55	75	83	69	82	66	69	65	51	46	62	63	73	73	73	81	78	65	72	76	69.8
	MIN	46	35	31	32	37	42	41	42	50	54	50	49	50	53	55	48	32	35	47	41	41	35	41	57	45	47	52	50	36	42	43	43.8
TRENTON 2	MAX	84	68	57	52	69	72	79	83	87	88	74	76	89	77	89	78	73	76	60	54	60	65	85	79	79	88	79	70	73	77	80	74.8
	MIN	50	45	37	34	44	49	45	53	57	60	51	51	58	60	58	57	44	57	54	46	45	45	60	65	52	61	65	54	48	50	50	51.8
TRENTON W8 CITY	MAX	83	64	56	51	66	69	78	82	85	86	71	75	87	74	87	74	72	73	59	53	59	63	83	79	79	88	78	70	72	75	78	73.2
	MIN	54	45	39	36	46	51	48	54	58	62	50	50	56	59	58	54	46	57	53	45	45	44	60	67	56	61	64	55	50	52	52	52.5

Tables 6

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
PLEASANTVILLE 1 N	EVAP	.29	.34	-	.81	.59	.25	.18	.28	.25	.26	-	.07	.14	.15	.11	.20	.18	.19	.14	.05	.04	.16	.02	.04	.40	.29	.14	.17	.22	.33	.18	86.70
	WIND	43	79	39	62	14	30	28	48	34	41	35	34	24	31	39	34	47	42	58	56	38	41	27	35	67	22	25	39	41	34	27	1214
RUNYON	EVAP	-	.35	-	.15	.10	.19	.11	.42	-	-	-	-	.13	.15	-	-	.20	.23	.15	-	-	.06	.08	.09	.18	.20	-	-	.14	.22	.32	-
	WIND	9	10	8	12	12	7	16	10	18	13	15	16	12	9	12	1	11	11	21	35	14	12	8	7	4	5	5	5	7	7	8	340
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

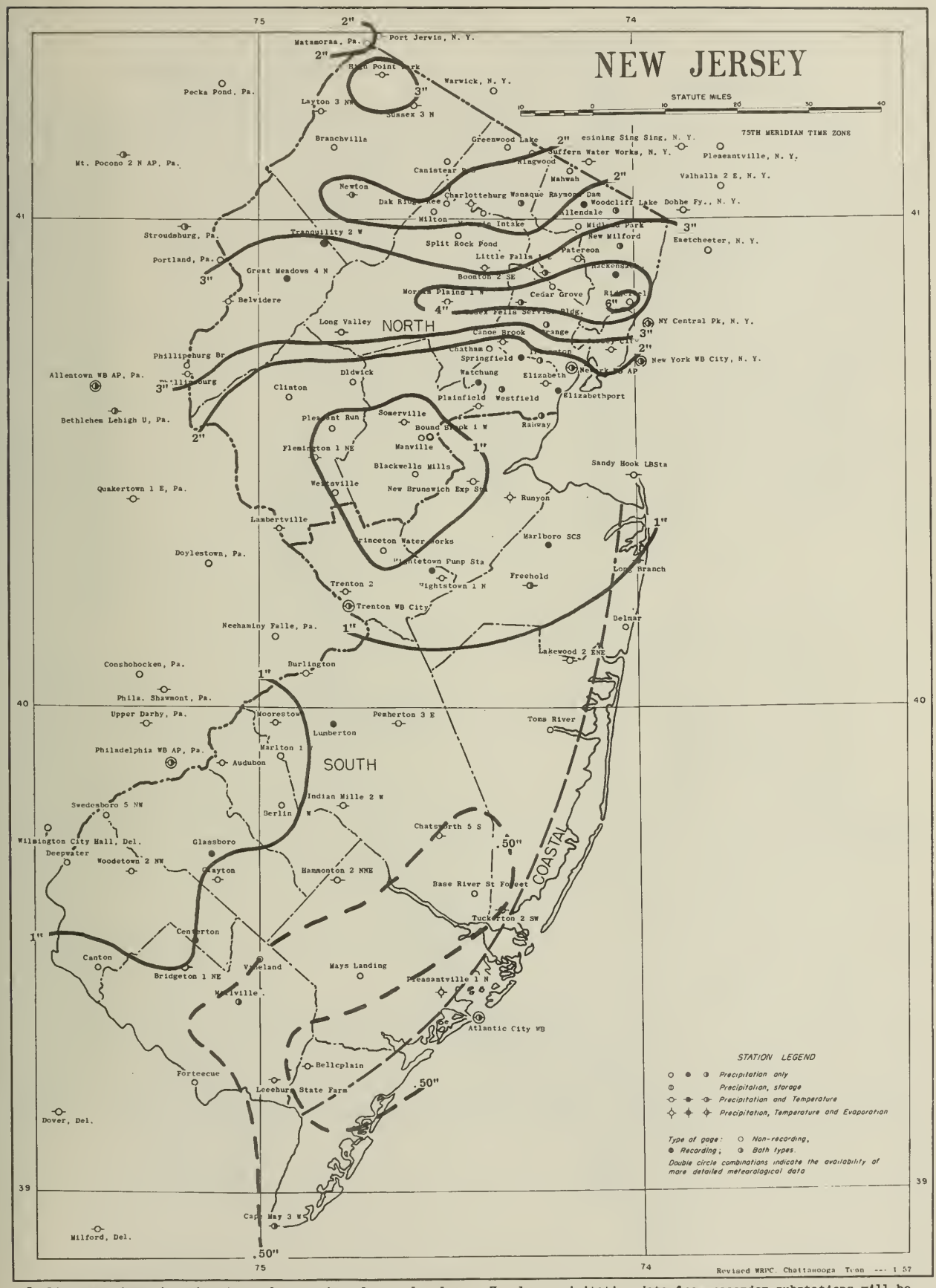
DAILY SOIL TEMPERATURES

STATION AND DEPTH		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW BRUNSWICK EXP STA																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	72	71	67	57	67	72	74	76	78	79	62	70	78	69	79	70	77	75	60	55	60	61	72	78	82	82	72	76	79	82	83	72.1
	MIN	51	52	47	45	44	50	47	52	53	52	55	55	58	60	59	55	51	58	55	52	52	50	57	59	55	59	62	58	53	54	55	53.7
2 INCHES	MAX	64	63	60	54	58	62	63	66	67	74	61	-	-	64	71	66	68	67	61	56	58	59	65	71	72	72	69	70	70	72	73	64.2
	MIN	54	54	50	48	48	52	51	53	55	53	55	-	-	60	59	59	55	59	56	52	54	52	57	61	57	60	63	60	56	57	57	55.2
4 INCHES	MAX	83	62	59	53	58	61	61	65	65	57	62	62	67	64	70	67	67	66	61	57	58	58	64	70	70	71	68	68	89	70	71	64.2
	MIN	54	54	51	49	48	52	52	54	55	53	56	55	58	60	59	60	56	60	57	53	54	52	57	61	58	60	64	60	57	58	58	55.9
8 INCHES	MAX	59	59	56	54	54	57	57	59	59	62	61	59	62	62	64	64	62	62	62	58	56	57	61	64	64	66	65	64	84	64	65	60.6
	MIN	55	55	53	51	50	53	53	54	56	57	57	58	58	60	59	62	58	60	58	55	54	54	56	60	60	62	63	61	59	59	60	57.0
16 INCHES	MAX	57	56	55	54	53	54	55	57	56	58	58	57	58	58	60	60	60	60	60	58	57	56	58	80	60	61	62	62	61	61	62	58.2
	MIN	55	55	53	52	51	52	53	54	54	56	57	55	56	58	58	59	59	59	58	56	55	55	56	58	59	59	61	60	59	60	60	56.4
32 INCHES	MAX	52	52	52	52	52	52	52	52	52	53	54	54	54	55	55	56	56	56	57	57	56	55	55	55	58	56	57	57	57	58	58	54.6
	MIN	52	52	52	52	51	51	51	51	52	52	53	53	53	54	54	55	55	57	57	55	55	54	54	54	55	58	58	57	57	57	57	53.9

Measured under Kentucky Bluegrass.

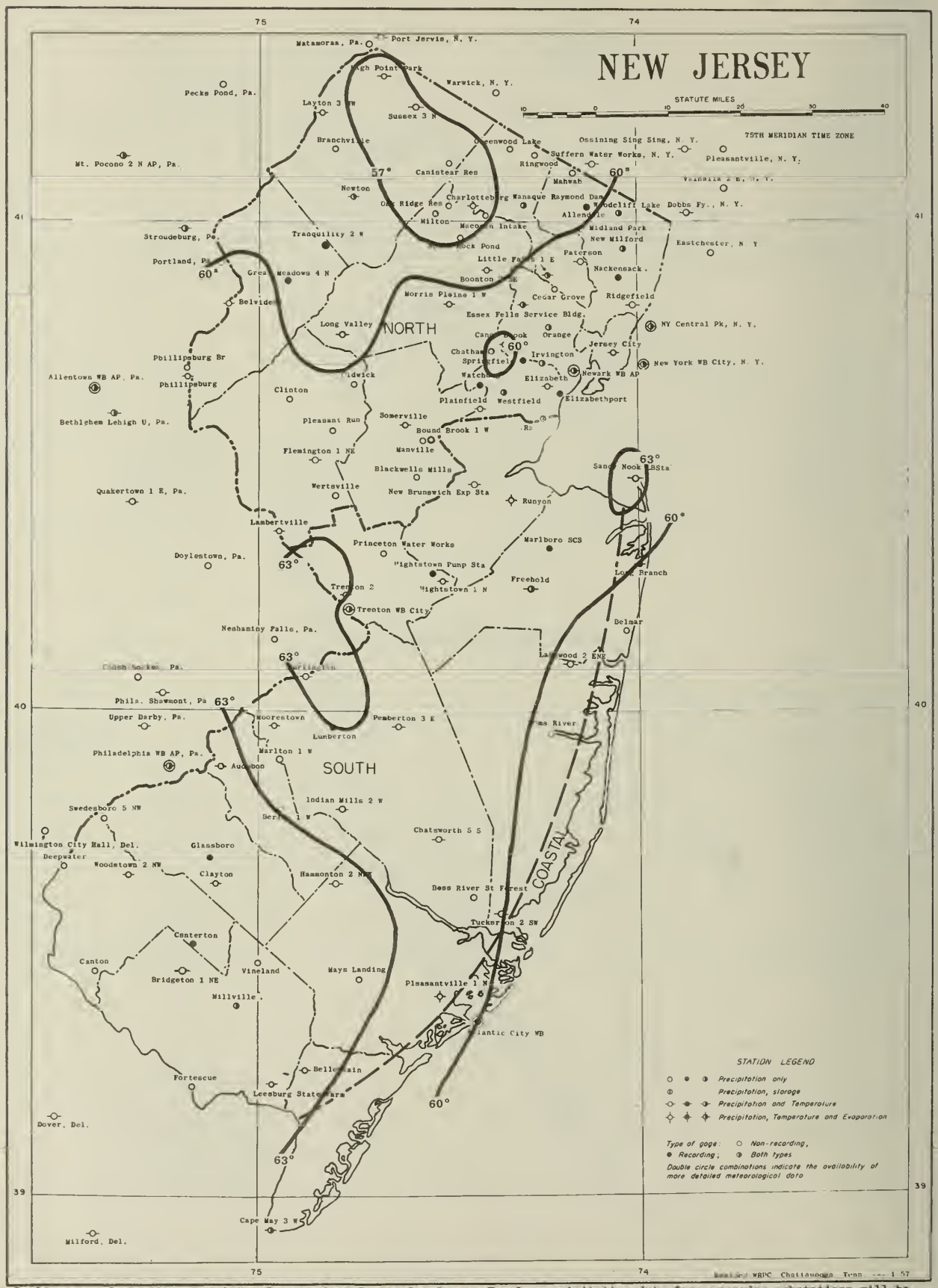
See reference notes following Station Index.

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

Station	Index No.	County	Drainage I	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270	MIO	MID	BERGEN COUNTY ENGS	C
eATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MIO	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P	N.Y. FORESTRY SVC	3 7
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P	MRS. EO C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MIO	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P	MISS C. S. HIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A	SAMUEL M. NC CULLEY	3
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A	HENRY M. NILLER	3
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WTR WKS	2 3 5
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A	AMERICAN CYANAMID CO	3
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A	ALBERT M. OAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER OEPT	3
CAMOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	39 28	75 25	10			GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	N.WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A	EDWARO P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P	WILLIAM S. MAINES	INAC 1/57
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTEROON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
OEEPWATER	2209	SALEM	2	39 41	75 30	12		MID	OU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A	JOHN LOPER	3
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	550		MIO	MICHAEL OZYOWSKI JR.	C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A	GEORGE T. WIGGINS	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1600	8A	8A	N. J. DEPT. OF CONS.	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MIO	OEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARO ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR OEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	MIO	MIO	GEORGE C. WADDILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5 7
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. M. DEPUE	2 3 5 7
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P	LEESBURG STATE FARM	2 3 5
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A	PASSAIC VLY WTR COMM	2 3 5 7 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MIO	MIO	STORM WARN. OSPL STA	2 3 5 7 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A	NEWARK WATER DEPT	3
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A	ROBERT G. GLASGOW	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RAOCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P	DAVIO GRISCON	3
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P	ELMER EARLE	3 7
MIDLAND PARK	5503	BERGEN	8	40 59	74 09	210		8A	CORNELIUS HOWARO	3
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A	L. J. GALLAHER	2 3 5 7 C
MILLVILLE AIRPORT	5581	CUMBERLANO	6	39 22	75 04	68	8A	8A	AIRPORT MANAGER	2 3 5
MILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A	H. J. MILLARO	2 3 5 7
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MIO	MIO	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTMUR H. AHLQUIST	2 3 5 7 G
NEW MILFORO	6146	BERGEN	4	40 57	74 02	12		MIO	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER OEPT	3
OLDWICK	6544	HUNTEROON	10	40 40	74 45	260		8A	DAN A. COUGHLIN	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MIO	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. OEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. OOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5 7
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A	JOINT TOLL BRDGE COM	3
PLAINFIELO	7079	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANT RUN	7123	HUNTEROON	10	40 34	74 48	140		7A	JOHN M. BERRYMAN	3
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID	PRINCETON WATER CO	3
RAHWAY	7393	UNION	9	40 36	74 15	20		MIO	RAHWAY VLY SWG AUTH	3 7 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MIO	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. HAVER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MID	N.J. OEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A	BRICE B. STANTON	2 3 5
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYOER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MIO	W. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MIO	MID	E. M. RISTOW	2 3 5
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MIO	MIO	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8899	OCEAN	1	39 35	74 22	45	8A	8A	VERMON W. MOTT	INAC 12/56
VINELAND	9135	CUMBERLANO	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMONO DAN	9187	PASSAIC	8	41 03	74 18	320		8A	WATER SUPPLY COMM	3 7 C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MID	BONNIE BURN SAN.	C
WERTSVILLE	9363	HUNTEROON	10	40 27	74 48	160		7A	ROBERT M. MANNERS	3
#WESTFIELD	9455	UNION	9	40 39	74 21	138		5P	CITY ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	9910	SALEM	2	39 40	75 20	16	6P	8A	WOODROW W. HALTER	INAC 2/56

I 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for September 1958.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6. Max and Min in Table 6 refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in the standard of time in local use. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- \- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5, is indicated by no entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.
- \+ And also on a later date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- \# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- G In the "Refer to Tables" column in the Station Index the letter "G" indicates that soil temperatures are published.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Data".)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, Annual for this respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC., Asheville, N. C. --- 7/11/57 --- 750

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JUNE 1957
Volume LXII No. 6

THE LIBRARY OF THE
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1957

WEATHER SUMMARY

GENERAL

Warmer and drier than usual and damage resulting from lightning strikes were outstanding features of June's weather.

The temperature averages for all divisions exceeded long-term values by more than 2.0°. Maximum readings for the month ranged from 87° on the 19th at Atlantic City WB to 102° on the 17th at Runyon. The lowest temperature for the month was 29° at Charlotteburg on the 10th, but was closely followed by a low of 30° at Layton 3 NW also on the 10th. Newark WB Airport reported this to be the warmest June since 1943 and the second warmest in period of record (1931 - 1957). Trenton WB City reported the warmest June since 1943, and the eight consecutive days with 90° or above (12th through 19th) was a new June record.

The precipitation averages for all divisions were less than long-term values by more than one inch. All stations for which comparative data are available showed minus departures, and in many instances these departures exceeded two inches. Monthly totals ranged from 1.04 inches at Charlotteburg to 4.05 inches at Pleasant Run, while the greatest amount on one day was 2.20 inches at Phillipsburg measured on the 25th. Newark WB Airport reported the third driest June in the period of record (1931 - 1957).

The percentage of possible sunshine was greater than usual at Atlantic City and less than usual at Trenton, while average daytime cloudiness was slightly deficient at Atlantic City and Newark, and slightly greater than usual at Trenton.

WEATHER DETAILS

Even though temperatures during the first week in June showed fluctuating tendencies daily departures were not of noteworthy significance: however, a cold front moved across the State late on the 7th ushering in a four day cool spell with low readings for the month occurring at most stations on the 8th or 9th. During the remainder of the month temperatures were above the long-term average on most every day, but the period 12th-19th was warmest with some stations reporting departures in excess of 10° on several of these days.

Precipitation during June was very spotty and showed a wide variation in amounts of occurrence. However, with the occurrence of thunderstorms being responsible for a large percentage of the month's rainfall, the pattern which prevailed was not unusual.

WEATHER EFFECTS

Dry soil conditions in New Jersey delayed corn planting and this plus cool temperatures up to June 10th resulted in slow growth. Wheat, which got off to a good start last fall, was helped by April rains, and the dry, hot June weather hastened maturity. Oats ripened fast during the hot June and yields are expected to be the lowest in several years. The favorable fall and early spring weather got hays off to a good start, but dry, hot conditions after mid-June and earlier weevil damage cut yields. The hot, dry weather also had an adverse affect on potatoes and sweet potatoes.

Despite the unusually heavy drop in June, apple production is expected to exceed any of the past 5 years. Dry weather favored insect and disease control, and apples sized well but needed a soaking rain at the end of the month. Except for some winter damage to peaches in North Jersey, the set was generally heavy - too heavy on some varieties. Dry weather during June caused some concern, but early varieties sized well. The early plantings of commercial vegetables such as snap beans, cabbage, sweet corn, onions, and tomatoes developed fairly well, but later plantings showed some damage from the dry, hot weather.

DESTRUCTIVE STORMS

Thunderstorms with heavy rain and high wind occurred on the 16th from 4 to 10 p.m. in Burlington, Camden and Gloucester Counties and caused flooding of highways especially at underpasses. Power and telephone services were disrupted when utility poles and trees were blown down. Also on the 16th from 4 to 8 p.m. in north and central Bergen County lightning struck a gasoline service station and at least nine homes. Power and communications lines were downed by falling trees and poles, and highways were flooded in a few localities.

On the 24th in the mid-afternoon three soldiers were injured at Fort Dix when lightning struck an emergency communications pole they were erecting on the rifle range. The three men were treated for shock and superficial body burns. On the 25th at 7:21 p.m. in southeast Passaic County only minor damage was done when one home was struck by lightning. On the 26th at 10 a.m. in central Bergen County there was minor property damage with a two-hour power failure when lightning struck transmission equipment in one community. In Union County at mid-day on the 26th two golfers were injured when struck by lightning. Both men were treated for shock. On the 26th at 3:30 p.m. in western Burlington County a construction worker was killed and another knocked unconscious when both were struck by lightning in Maple Shade.

Considerable damage occurred in Bergen and Passaic Counties on the 27th from 3 to 8 p.m. when winds up to 55 mph downed trees and utility poles leaving several communities without power for six hours or longer. Telephone service was also disrupted and lightning struck a church and numerous houses. Heavy rain flooded storm sewers, streets and highways in a few areas.

FLOODS

None reported on rivers.

Franklin W. Long, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

CLIMATOLOGICAL DATA

TABLE 2

NEW JERSEY
JUNE 1957

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days Max: 90° or Above	32° or Below	No of Days Min: 32° or Below	0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No of Days: 1.0 or More	5.0 or More	1.00 or More
NORTHERN																									
BELVIDERE		87.6	60.9	74.3	3.5	98	16+	41	10	10	15	0	0	0	3.37	- 1.03	1.30	24	.0	0		7	2	2
BOONTON 2 SE	AM	83.1	58.7	70.9	3.0	96	17+	37	10	34	6	0	0	0	1.38	- 2.68	.40	25	.0	0		5	0	0
CANOE BROOK	AM	84.2	59.8	72.0	4.1	96	17	44	9+	25	10	0	0	0	1.69	- 2.52	.51	25	.0	0		5	1	0
CHARLOTTEBURG	AM	82.2	53.3	67.8	-1.0	95	19	29	10	78	6	0	1	0	1.04	- 3.45	.39	25	.0	0		4	0	0
ELIZABETH		85.6	62.6	74.1	3.1	96	16+	44	9	10	8	0	0	0	1.93	- 1.98	1.21	25	.0	0		5	1	1
ESSEX FELLS SERV BLDG	AM	82.9	59.6	71.3		96	17+	42	9+	31	7	0	0	0	2.56		1.10	25	.0	0		6	2	1
FLEMINGTON 1 NE		87.2	58.8	73.0	2.2	100	16+	37	9+	23	13	0	0	0	3.30	- .62	.90	25	.0	0		7	2	0
†HIGH POINT PARK		77.4	57.6	67.5		89	17	44	9	48	0	0	0	0	1.94		.42	17	.0	0		6	0	0
JERSEY CITY		78.8	64.1	71.5	1.2	93	16+	49	10	24	3	0	0	0	2.16	- 1.36	.71	2	.0	0		6	2	0
LAMBERTVILLE		86.9	61.5	74.2	4.2	98	16+	40	10	15	14	0	0	0	1.52	- 2.43	.58	2	.0	0		5	1	0
LAYTON 3 NW		84.9	54.3	69.6	2.3	95	18	30	10	44	8	0	1	0	2.43	- 1.78	.73	14	.0	0		8	2	0
LITTLE FALLS 1 E	AM	85.8	60.0	72.9	3.2	99	17	40	10	23	10	0	0	0	2.35	- 2.10	.79	3	.0	0		5	1	0
LONG VALLEY		84.5	57.6	71.1		97	16	34	10	36	9	0	0	0	2.43	- 1.86	1.15	24	.0	0		5	1	1
MORRIS PLAINS		84.7	58.2	71.5		97	16+	36	10	31	7	0	0	0	1.62		.46	25	.0	0		4	0	0
NEWARK WB AIRPORT	R	83.2	64.4	73.8	3.3	97	17	47	9	17	6	0	0	0	1.54	- 2.26	.73	24	.0	0		5	1	0
NEWTON	AM	84.0	55.8	69.9	2.4	96	17+	33	10	49	9	0	0	0	1.96	- 2.51	.72	28	.0	0		5	1	0
PATERSON	AM	85.3	62.7	74.0	3.3	100	17	45	10	17	9	0	0	0	2.97	- 1.38	.82	27	.0	0		5	3	0
PHILLIPSBURG		86.1	61.5	73.8	4.0	98	17	41	10	12	8	0	0	0	3.03	- 1.36	2.20	25	.0	0		6	1	1
PLAINFIELD		85.0	60.9	73.0	3.1	97	16	40	9	16	7	0	0	0	3.14	- 1.43	.74	25	.0	0		7	3	0
RIDGEFIELD		85.3	62.5	73.9	3.9	97	16	45	10	10	8	0	0	0	2.65	- 1.11	1.38	26	.0	0		5	2	1
SOMERVILLE		87.5	60.4M	74.0M	4.2	99	16	39	9+	14	15	0	0	0	2.22	- 1.78	.87	24	.0	0		5	2	0
SUSSEX 3 N	AM	83.4	54.3	68.9	.0	96	19	35	10	58	7	0	0	0	1.44	- 2.76	.30	25	.0	0		6	0	0
DIVISION				72.2	3.0										2.23	- 1.93			.0					
SOUTHERN																									
AUDUBON		86.5	63.8	75.2		98	16	38	9	14	14	0	0	0	1.84		.68	16	.0	0		5	1	0
BELLEPLAIN		86.8	61.9	74.4		98	15+	43	9	19	13	0	0	0	1.67	- .76	.50	8	.0	0		5	1	0
BRIDGETON 1 NE	AM	85.0M	63.2M	74.1M	2.3	97	17			12	9	0	0	0	2.88	- .56	.93	6	.0	0		6	1	0
BURLINGTON		87.5	63.5	75.5	2.7	100	16	48	9	4	14	0	0	0	2.04	- 1.69	.57	26	.0	0		8	1	0
CLAYTON		84.9	63.6	74.3		98	16	45	9	9	9	0	0	0	3.53		1.16	8	.0	0		8	2	1
FREEHOLD		85.4	61.1	73.3	3.0	96	15+	43	9+	14	9	0	0	0	2.21	- 1.52	.85	26	.0	0		6	2	0
†HAMMONTON 2 NNE	AM	86.8	61.1	74.0	2.5	102	17	44	9	29	12	0	0	0	4.39	.35	1.96	17	.0	0		7	3	1
HIGHTSTOWN 1 N		85.6	61.1	73.4	3.6	96	15+	41	9	14	12	0	0	0	2.09	- 1.91	.72	16+	.0	0		5	2	0
INDIAN MILLS 2 W		85.2	60.2	72.7	2.4	100	16	41	9+	23	10	0	0	0	3.13	- .92	.98	26	.0	0		7	2	0
LAKEWOOD 2 ENE		82.8	58.8	70.8	.9	97	19	39	9	45	7	0	0	0	1.31	- 2.20	.52	24	.0	0		4	1	0
LEESBURG STATE FARM		83.4	62.1	72.8		96	18	40	9	20	6	0	0	0	1.85		.47	5+	.0	0		6	0	0
MILLVILLE	AM	84.6M	63.9M	74.3M		99	17	47	9	22	11	0	0	0	2.53		.92	6	.0	0		5	2	0
MOORESTOWN		85.4	62.4	73.9	3.7	99	16	43	9	26	13	0	0	0	1.56	- 2.08	.47	27	.0	0		5	0	0
NEW BRUNSWICK EXP STA		85.2	61.3	73.3	3.3	95	16+	41	9	16	10	0	0	0	2.19	- 1.64	.93	26	.0	0		5	2	0
PEMBERTON 3 E		86.7	58.8	72.8	1.6	100	16+	39	9	18	13	0	0	0	1.78	- 2.11	.76	26	.0	0		5	1	0
PLEASANTVILLE 1 N	AM	81.3	62.9	72.1	2.7	94	20+	45	9	30	7	0	0	0	2.26	- .88	.60	9	.0	0		5	2	0
RUNYON		88.7	58.3	73.5	4.2	102	17	40	11	14	14	0	0	0	1.92	- 1.93	.81	26	.0	0		6	1	0
TRENTON 2		86.3	63.9	75.1		98	16+	45	9	14	12	0	0	0	2.18	- 2.07	.48	14	.0	0		8	0	0
TRENTON WB CITY	R	84.4	64.5	74.5	3.7	99	16	46	9	19	10	0	0	0	1.47	- 2.40	.28	16	.0	0		7	0	0
DIVISION				73.9	3.2										2.14	- 1.57			.0					
COASTAL																									
ATLANTIC CITY WB	R	74.9	64.8	69.9	1.2	87	19	51	8	29	0	0	0	0	2.76	- .23	.84	7	.0	0		7	3	0
CAPE MAY 3 W		81.1M	64.2M	72.7M		94	17	49	9	11	3	0	0	0	2.97		1.19	6	.0	0		5	2	2
LONG BRANCH		79.5	61.8	70.7	1.5	94	17	44	9	37	3	0	0	0	1.43	- 2.16	.54	26	.0	0		5	1	0
SANDY HOOK LBSTA		81.6	64.5	73.1	3.4	96	19	53	9	5	4	0	0	0	1.27	- 1.85	.48	25	.0	0		4	0	0
DIVISION				71.6	2.2										2.11	- 1.06			.0					

† DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Percent of time from prevailing	Wind speed m. p. h.: Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Relative humidity averages - percent: 1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Number of days with precipitation: Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB	-	-	14.5	49	S	29	-	-	-	-	2	0	4	3	0	0	9	73	5.2
LONG BRANCH	S	18	13.0	50	NW	30	-	83	60ø	62	5	3	4	1	0	0	13	74	5.0
NEWARK WB AIRPORT	SSW	13	8.3	39++	SSW	29	80	76	50	64	4	2	4	1	0	0	11	-	5.7
TRENTON WB CITY	-	-	8.7	33	S	29	-	-	-	-	4	1	7	0	0	0	12	59	6.2

ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
JUNE 1957

Station	Total	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB R	2.78		.29	.14	T	.37	.10	.84	.81																		T			.10		
AUDUBON	1.84		.20			.10			.48				T		T	T	.68										T			.41		
BASS RIVER ST FOREST	3.64			.79	1.02	.18	.02	T	.58				.81					.81									.32				.20	
BELLEPLAIN	1.87			.10		.40	.38		.50	.20																						
BELMAR	1.17		.28						.10											.18					.00					.48		
BELVIDERE	3.37		.03										.20		1.13	T			T					T	1.30	.30	.10			.15	.10	
BERLIN 1 W	2.40			.13						.47								1.40												.47		
BLACKWELLS MILLS	3.08			.30										.10		1.66										.78	.02	.08		.08		
BOONTON 2 SE	1.38			.17					.03				T		.22			.02		.02						.40	T	.10	.07	.20		
BOUND BROOK 1 W	1.99			.64						.03						.39				.02						.07	.02			.24	.02	
BRANCHVILLE	2.56			.13											.83		.20	.00								.38	T		.14	.52		
BRIDGETON 1 NE	2.88			.43	.38	.03	.03	.02	.35	.48			.03			.02		.03												.21		
BURLINGTON	2.04		.13				.01		.14	.10			.05				.22	.02							.40	.10	.37			.28		
CANISTEAR RESERVOIR	2.78			.12											.17	.02		.58								.30	.03		.55	1.01		
CANOE BROOK	1.69			.00					T						.02	.38										.31	.11	.22		.30		
CANTON	3.48			.78	.05		.89		.32	.47						.43		.13										.08		.13	.30	
CAPE MAY 3 W	2.07			.22	.02	1.00	1.10		.28	.14																	.05			.07		
CEDAR GROVE	2.68			.33												.12		.25								.71		.05		.42		
CHARLOTTEBURG	1.04			.12									.01		.12		T	.08								.30	T	T		.30	.04	
CHATHAM	1.66			.02					T							.24										.73	.10	.14		.37		
CLAYTON	3.53			.42		.31	.18	T	1.10	.14				T			T	.38									.72			.22		
CLINTON	2.10		.00						.83				.13		.30										1.08	.13				.25		
DEEPWATER	1.64		.00	.00		.20			.72						.08		.20									.02	T		T	.18		
ELIZABETH	1.03		.21						.01						.10										.02	1.21	.20			.17	.01	
ELIZABETHPORT	1.48		.24												.02										.82		.22			.10	.02	
ESSEX FELLS SERV BLDG	2.58														.10	.30										1.10	.34	.18		.34	T	
FLEMINGTON 1 NE	3.30		.87						.07				.00	T	.37	.40									.17	.00	.13		T	.10	T	
FORTESCUE	2.43			.10	.11	.10	.02			.40						.25														.24	.10	
FREEHOLD	2.21		.22				.01		.14				.01		.01	.04		.27		T					.51		.83			.13	T	
GREENWOOD LAKE	1.84			.07									T		.07			.02								.30	.02		.88	.28	T	
HAMMONTON 2 NNE	4.39			.24	.01		.61	.30	.53						.03			1.96								.04	.31		.33	.01		
HIGH POINT PARK	1.94			.17											.40		T	.42								.29	.02		.23	.39		
HIGHTSTOWN 1 N	2.00		.02			T		T	.17				.02		.10		.72							T	.08		.72			.28	T	
INDIAN MILLS 2 W	3.13		T	.00		.10	.00	.42	.20	.03				.11			.03	.00									.08			.21		
IRVINGTON	1.82		.40										T		.13										.50		.37			.30	.01	
JERSEY CITY	2.18		.71					.02	.01						.55		.20								.33		.20			.11	.03	
LAKEWOOD 2 ENE	1.31		.02			.02			.17				.01												.52		.38			.17	.02	
LAMBERTVILLE	1.52		.38						.21				.10		.00					.01					T	.24	.03			.22	.07	
LAYTON 3 NW	2.43		.10										T		.73		.10							.03	.10	.21	.31		.15	.00	.01	
LEESBURG STATE FARM	1.85			.12		.47	.47		.32	.24																				.23		
LITTLE FALLS 1 E	2.33			.70					.01				T		.00	T		.04								.33	.46	.37		.28	.01	
LONG BRANCH	1.43	T	.28			T		T	.11				T		.03		.02			T					.03		.54			.17	.25	
LONG VALLEY	2.43		.27										.08		.41	.01									1.15					.38	.15	
MACOPIN INTAKE	1.10			.00									.01		.11		T	.00								.40	.01			.20	.13	
MAHWAH	2.50			.00											.23	.27		.08								.57	.01	.10	.81	.20	.07	
NANVILLE	2.07		.72												.33			T							.00		.03			.28		
NARLTON 1 W	2.06		.08			.03	.00		.30	.10			T	.04				2.02									.07			.20		
MAYS LANDING	2.74			.30		.20	.30		.47	.08						.01											.80	.00		.37	.10	
MIDLAND PARK	3.12		.02					.01							.03										.20	.84	.14	1.04		.31	.24	
MILLVILLE	2.53		.05	.15			.02	.00	.38	.33						.00		.01									.02			.33		
MILTON	1.05			.23												.20			.41							.25				.84		
MOORESTOWN	1.36			.11			.02			.34			.03	T		T		.23									T	.47		.25	.09	
MORRIS PLAINS	1.82		.40					.04					T		.33		T			T					T	.40	.02	.07	T	.28	.02	
NEWARK WB AIRPORT R	1.54		.33					T	T				T	T	.18		.01								.73		.14			.13	.02	
NEW BRUNSWICK EXP STA	2.19		.11					T	.03				T		.37			.08							.20		.03			.24	.03	
NEW MILFORD	2.84		.40														.28								.12	.02	1.18	.58		.10	.12	
NEWTON	1.00			.10									.03		.13	.03	.03	.02								.47	.04		.72	.33		
OAK RIDGE RESERVOIR	2.01			.25											.22			.22								.28				.08	.00	
OLDWICK	2.00	.01	.01	.07					T	.01			.03		.03											1.00	.01	.08		.17		
ORANGE	2.18		.30					.04	.03						*	.34									*	*	*	1.43				
PATERSON	2.97	T		.00					T				T		T	T		.74								.38	.08	.82		.28		
PEMBERTON 3 E	1.78			.35			.00		.12	.14								.08							.02		.70			.27		
PHILLIPSBURG	3.03		.12	T					T	T			.13		.24											2.20		T		.17	.17	
PHILLIPSBURG BRIDGE	3.20												.08		.34				.26							1.83	.33				.38	
PLAINFIELD	3.14		.44						T				T		.10		.27		T						.02	.74	.72	T		.25	T	
PLEASANT RUN	4.05			.23						.11			.12	.17	.02	1.00										2.01	.03	.10		.20		
PLEASANTVILLE 1 N	2.26			.35	.00	.03	.57	T	.28	.80																	T	.04		.25	.00	
PRINCETON WATER WORKS	1.48		.18						.10				.02		.37		.10								.02		.03			.27	.01	
RAHWAY	2.50		.80						.02						.04		.04								1.33		.23			.20	T	
RIDGEFIELD	2.05		.28					T							.34		.16								.10		1.38	T		.00	.01	
RINGWOOD	2.09			.00											.00			T							T	.20	.04	T	1.37	.22	.08	
RUNYON	1.92		.00						.11							.38									.10	.28	.81			.18		
SANDY HOOK LBSTA	1.27		.28						.30							.03		.03								.48		.13		.02		
SOMERVILLE	2.22		.12						T						.75										.87	.24		T		.20	.04	
SPLIT ROCK POND	1.82			.03											.18			.13		.08						.74		.02		.27	.13	
SUSSEX 3 N	1.44			.07											.17			.27								.30	.10	.05	.13	.20		
SWEDESBORO 5 NW	3.86			.00		T	.21		.10	.78		T	.01	.01		.30		1.84						.00			.04			.23		
TOMS RIVER	2.89		.08			.08			.10																1.87		.33			.21		
TRENTON 2	2.18		.10				.14	T	.23				.00		.48		.31								.27	T	.25			.34		
TRENTON WB CITY R	1.47		.10			T	T		.18				.05		.20		.28		T						.23		.12			.10	T	
VINELAND	3.09			.20	.07	.03	.89		.03	.48								.13		.18							.02	.37		.37	.10	
WANAQUE RAYMOND DAM	1.45			.03									T		.12											.00		.08	.02	.20	.23	
WERTSVILLE	1.42			.44	T				T	.07	T		.04		.02	.13										.40	T	.01		.21	.01	
WESTFIELD	3.77		.44										.02		.03										1.82		1.04			.40	T	
WOODCLIFF LAKE	1.64																								.12	.02	.38	.44		.26	.42	

See Reference Notes Following Station Index

MONTHLY AND SEASONAL SNOWFALL

Season of 1956 - 1957

NEW JERSEY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
ATLANTIC CITY WB						T	7.9	1.0	.2	1.0			10.1
AUDUBON						T	12.0	2.0	T				14.0
BASS RIVER ST FOREST							-	-	-				-
BELLEPLAIN						1.0	7.0	-		1.5			-
BELMAR							-	-	-				-
BELVIDERE					T	T	6.3	6.3	1.0	5.0			18.6
BERLIN 1 W							3.5	-					-
BLACKWELLS MILLS	-	-	-	-			-	-	4.4	2.4			-
BOONTON 2 SE					T	-	-	-	-	-			-
BOUND BROOK 1 W	-	-	-	-	-	-	4.0	9.3	4.5	2.0			-
BRANCHVILLE		-			T	1.0	12.5	10.5	-	7.5			-
BRIDGETON 1 NE							-	-					-
BURLINGTON					T	-	-	-					-
CANISTEAR RESERVOIR					.5	1.5	8.0	6.0	8.5	4.5			29.0
CANOE BROOK						-	8.3	8.4	2.7	1.3			-
CANTON						T	-	-		T			-
CAPE MAY 3 W							-	-					-
CEDAR GROVE							6.5	6.0	4.0	-			-
CHARLOTTEBURG					1.0	1.8	8.8	6.6	6.3	8.5			33.0
CHATHAM							-	-	-	-			-
CHATSWORTH 5 S	-	-	-	-			-	-	-	-	-	-	-
CLAYTON					T	T	5.1	T	T				5.1
CLINTON						.5	7.1	10.5	.5	3.0			21.6
DEEPWATER					T	T	-	T	T	T			-
ELIZABETH					T	.5	7.5	7.5	2.6	2.0			20.1
ELIZABETHPORT						-	-	-	-	-			-
ESSEX FELLS SERV BLDG					T		-	7.5	-	5.0			-
FLEMINGTON 1 NE					.5	.5	10.6	13.0	7.5	4.0			36.1
FORTESCUE	-	-	-	-	-	-	-	-					-
FREEHOLD					T	.6	6.2	11.3	1.5	1.8			21.4
GREENWOOD LAKE					T	1.3	-	-	5.0	9.0			-
HAMMONTON 2 NNE							-	-					-
HIGH POINT PARK	-	-	-	-	-	-	-	-	-	-	-	-	-
HIGHTSTOWN 1 N					T	T	6.4	6.3	2.3	.8			15.8
INDIAN MILLS 2 W						T	5.2	1.5	T	T			6.7
IRVINGTON					T	-	6.0	-		5.7			-
JERSEY CITY							-	-	-	-			-
LAKEWOOD 2 ENE					T	-	-	-	T	T			-
LAMBERTVILLE						T	5.6	6.5	2.1	1.0			15.2
LAYTON 3 NW					3.4	9.7	14.6	10.9	4.7	8.4			51.7
LEESBURG STATE FARM							-	-					-
LITTLE FALLS 1 E					-	-	8.2	8.4	2.8	4.7			-
LONG BRANCH						.2	6.3	8.0	1.7	1.0			17.2
LONG VALLEY					T	1.0	10.0	7.0	-	6.0			-
MACOPIN INTAKE						1.0	7.5	6.6	2.5	6.5			24.1
MAHWAH	-	-	-	-		2.5	-	-	5.2	8.8			-
MANVILLE							-	3.4	-	-			-
MARLTON 1 W							6.5	-	-				-
MAYS LANDING						T	7.5	1.0	T				8.5
MIDLAND PARK					T	-	9.5	-	-	6.0			-
MILLVILLE							6.0	-	-	-			-
MILLVILLE CAA AIRPORT					T	T	-	-	-	-	-	-	-
MILTON							-	-	-	-			-
MOORESTOWN						T	5.7	4.8	T	T			10.5
MORRIS PLAINS				T	.4	.9	9.3	8.1	1.6	5.3			25.6
NEWARK WB AIRPORT					T	1.3	7.8	8.8	2.1	4.1			24.1
NEW BRUNSWICK EXP STA					-	T	6.0	10.8	2.0	2.0			-
NEW MILFORD						-	-	-	-	-			-
NEWTON					.7	2.5	9.0	6.0	2.0	6.0			26.2
OAK RIDGE RESERVOIR					1.3	1.4	9.1	6.5	7.3	7.5			33.1
OLDWICK	-	-	-	-			-	-	3.7	9.0			-
ORANGE						-	-	-	-	-			-
PATERSON					T	.1	8.2	9.0	1.1	6.0			24.4
PEMBERTON 3 E							5.1	3.5					8.6
PHILLIPSBURG					T	.5	6.0	7.0	.9	3.5			17.9
PHILLIPSBURG BRIDGE						1.0	8.1	7.0	-	-			-
PLAINFIELD					T	.2	8.5	8.9	2.5	3.0			23.1
PLEASANT RUN							13.5	9.4	5.9	2.0			30.8
PLEASANTVILLE 1 N						.5	-	-		-			-
PRINCETON WATER WORKS						T	-	-	-	1.5			-
RAHWAY						T	5.6	7.1	1.7	2.0			16.4
RIDGEFIELD					T	1.3	9.9	8.7	4.0	5.0			28.9
RINGWOOD						-	7.8	5.3	1.7	2.5			-
RUNYON						-	-	7.0	-	1.3			-
SANDY HOOK LBSTA					-	T	5.0	5.1	3.0				-
SOMERVILLE						.2	7.7	9.2	1.5	3.0			21.6
SPLIT ROCK POND							-	-	-	-			-
SUSSEX 3 N					1.0	-	-	7.5	4.0	5.0			-
SWEDESBORO 5 NW						T	3.3	2.0	.1	T			5.4
TOMS RIVER						1.0	5.6	2.0					8.6
TRENTON 2					T	-	6.5	7.9	2.5	1.2			-
TRENTON WB CITY					T	.2	5.6	6.7	4.5	1.4			18.4
VINELAND						-	6.9	-					-
WANAQUE RAYMOND DAM							8.8	5.2	1.3	5.2			20.5
WERTSVILLE	-	-	-	-		.2	-	-	-	-			-
WESTFIELD					T	.5	9.6	9.3	3.1	2.6			25.1
WOODCLIFF LAKE						-	-	-	-	-			-

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY W8	MAX	66	70	66	65	65	65	70	64	63	66	71	77	75	75	77	83	85	84	87	82	76	75	79	76	77	77	79	79	86	86		74.9
	MIN	61	60	56	58	61	58	59	51	52	60	58	64	67	67	67	71	73	74	74	66	66	68	70	70	69	69	69	70	68	68		64.8
AUDUBON	MAX	80	85	69	75	71	80	88	72	74	80	82	91	92	94	96	98	96	97	94	82	87	91	94	95	91	86	92	92	85	86		86.5
	MIN	57	62	60	53	64	62	63	51	38	47	52	67	67	68	69	71	71	73	75	65	58	63	66	74	70	71	72	71	66	67		63.8
BELLEPLAIN	MAX	78	88	85	71	70	73	85	84	70	75	80	89	93	92	98	96	98	97	97	89	87	87	94	93	91	91	92	90	86	89		86.8
	MIN	55	59	56	51	62	62	61	50	43	44	45	65	64	66	66	70	70	71	73	60	56	61	65	73	68	70	70	70	66	65		61.9
BELVIDERE	MAX	84	80	75	80	77	83	88	70	80	85	85	90	92	93	97	98	98	98	90	84	90	93	93	96	90	88	91	90	88	82		87.6
	MIN	52	63	53	46	56	56	66	56	43	41	51	67	63	66	68	69	70	70	70	57	53	53	64	71	69	69	68	71	65	60		60.9
BOONTON 2 SE	MAX	77	77	75	72	75	76	80	81	66	75	78	81	87	89	90	91	96	94	96	89	78	86	88	87	91	87	84	86	81	80		83.1
	MIN	48	55	55	43	51	55	59	53	40	37	47	61	62	64	64	67	66	68	69	62	52	54	57	65	67	69	70	67	69	66		58.7
BRIDGETON 1 NE	MAX	82		85	60	72	88	76	85			78	80	89	91	89		97	95	96	92	83	87		92	93	89	83	90	88			85.0
	MIN	54		58	55	59	61	61	54			45	65	65	67	66		68	70	74	61	55	61		66	70	71	70	72	68			63.2
BURLINGTON	MAX	79	82	73	76	75	80	86	80	74	81	85	94	92	96	98	100	98	99	95	90	89	93	94	90	87	85	91	90	87	88		87.5
	MIN	57	61	62	53	63	63	62	54	48	51	55	65	69	69	68	72	72	77	74	63	58	64	65	65	65	69	66	69	63	64		63.5
CANOE BROOK	MAX	79	77	79	71	78	74	80	84	65	72	78	84	86	88	93	95	96	95	94	92	79	92	91	93	92	86	80	87	85	82		84.2
	MIN	52	57	56	46	52	58	61	54	44	44	48	64	64	66	65	64	68	67	75	62	50	53	57	66	68	68	68	70	66	62		59.8
CAPE MAY 3 W	MAX	74	77	71	68	66	72	82	79	67	72	75	88	87	88	89	88	94	92	93	88	82	80	84	84		80	83	80	84	86		81.1
	MIN	59	59	57	57	62	63	60	54	49	60	56	66	70	68	66	63	69	70	72	69	65	68	69	71		67	69	69	69	67		64.2
CHARLOTTEBURG	MAX	76	76	74	70	75	73	78	80	65	73	78	82	86	86	89	92	94	93	95	90	77	84	87	85	90	85	82	86	85	80		82.2
	MIN	39	43	50	38	43	48	58	51	33	29	36	56	59	61	59	61	61	61	65	54	45	46	51	62	67	64	67	66	64	62		53.3
CLAYTON	MAX	79	84	71	71	69	77	84	82	70	77	80	89	91	90	94	98	95	95	91	82	87	89	91	91	88	87	87	88	85	85		84.9
	MIN	55	61	57	58	63	61	62	51	45	51	51	66	67	68	67	71	70	72	74	62	58	61	66	73	69	70	71	72	69	66		63.6
ELIZABETH	MAX	75	80	74	75	75	81	86	77	76	79	85	91	89	91	95	96	96	94	96	87	85	89	88	92	86	84	88	87	85	86		85.6
	MIN	57	61	60	50	59	62	63	55	44	45	50	65	68	67	68	71	72	72	71	61	57	59	64	70	68	70	69	70	67	63		62.6
ESSEX FELLS SERV BLDG	MAX	74	78	80	70	76	76	78	82	66	74	76	82	84	86	90	92	96	96	94	90	78	86	86	87	90	87	82	84	83	85		82.9
	MIN	48	54	56	48	52	56	60	56	42	42	50	55	62	65	66	67	68	68	69	58	56	58	56	68	72	68	69	68	67	65		59.6
FLEMINGTON 1 NE	MAX	79	81	71	76	76	82	87	79	75	81	85	90	92	94	96	100	98	100	94	87	89	91	94	95	89	88	90	90	83	85		87.2
	MIN	49	56	56	42	55	60	64	53	37	37	45	60	60	64	65	68	68	67	68	55	50	54	59	70	67	69	67	69	67	62		58.8
FREEHOLD	MAX	76	84	69	78	72	79	87	78	72	77	84	91	89	93	96	96	95	95	95	87	85	88	91	92	87	84	89	87	84	85		85.4
	MIN	55	60	60	49	59	60	59	52	43	43	50	61	65	63	67	69	69	71	70	59	56	60	62	68	67	67	69	69	67	64		61.1
HAMMONTON 2 NNE	MAX	81	80	89	62	73	70	85	87	74	72	78	84	92	94	96	101	102	97	98	94	86	96	95	95	92	84	88	89	86	87		86.8
	MIN	55	59	57	54	59	61	66	56	44	46	51	62	65	67	66	71	69	72	72	71	57	74	75	68	70	70	70	67	66	62		61.1
HIGH POINT PARK	MAX	74	72	69	71	70	66	74	73	63	69	73	78	79	82	85	88	89	86	88	80	69	81	82	81	87	79	80	82	79	74		77.4
	MIN	52	57	49	46	52	54	57	45	44	47	53	60	60	61	65	67	67	68	68	52	50	59	60	63	65	63	63	65	59	57		57.6
HIGHTSTOWN 1 N	MAX	76	82	68	78	72	78	86	77	71	81	84	91	90	94	96	95	93	96	93	83	88	88	91	93	91	84	90	88	84	86		85.6
	MIN	54	61	61	48	60	61	61	53	41	42	49	63	63	63	67	71	69	70	72	59	55	57	61	70	67	68	69	69	67	63		61.1
INDIAN MILLS 2 W	MAX	78	86	69	73	70	77	86	69	72	78	81	91	90	93	97	100	96	99	94	82	88	89	91	92	88	81	88	87	85	85		85.2
	MIN	52	59	58	52	61	60	60	51	41	41	44	64	61	64	65	67	67	68	71	56	50	58	62	68	67	67	70	69	68	65		60.2
JERSEY CITY	MAX	74	75	67	67	73	75	82	62	71	69	76	87	81	80	85	93	93	88	90	80	79	79	78	85	80	75	80	79	81	81		78.8
	MIN	55	60	60	51	62	58	56	54	50	49	57	65	68	67	69	74	76	76	73	63	60	65	67	71	70	70	68	71	69	68		64.1
LAKEWOOD 2 ENE	MAX	73	80	66	71	69	74	88	61	70	75	86	93	83	90	93	92	96	92	97	83	83	82	86	89	85	81	88	85	86	89		82.8
	MIN	51	60	48	48	59	59	59	48	39	40	43	62	62	62	66	68	68	68	70	56	51	53	58	67	66	67	69	68	66	63		58.8
LAMBERTVILLE	MAX	81	82	73	75	77	80	87	80	76	81	82	90	90	92	96	98	96	98	91	87	88	92	92	93	90	87	91	91	85	85		86.9
	MIN	52	61	58	45	58	61	65	53	41	40	48	65	63	66	67	69	69	69	74	61	53	60	63	70	69	70	71	71	69	65		61.5
LAYTON 3 NW	MAX	80	77	74	80	72	81	80	71	78	87	85	87	92	90	93	93	93	95	88	82	85	90	89	94	87	86	88	86	82	83		84.9
	MIN	40	55	45	38	50	45	62	44	35	30	43	65	54	60	64	65	65	64	65	48	46	45	55	66	65	64	65	66	62	58		54.3
LEESBURG STATE FARM	MAX	80	81	77	66	67	74	84	82	66	75	84	83	88	89	92	91	93	96	93	92	84	85	89	89	84	82	84	84	83	87		83.4
	MIN	56	55	57	55	63	62	61	50	40	48	46	66	63	66	67	69	69	70	74	62	55	61	68	71	71	70	70	72	65	60		62.1
LITTLE FALLS 1 E	MAX	78	79	79	72	79	77	82	84	67	76	81	86	90	91	93	96	99	98	98	92	81	90	89	89	94	89	84	89	88	84		85.8
	MIN	51	59	56	46	56	56	60	46	42	40	54	65	63	64	66	69	70	70	70	60	52	56	59	66	68	68	70	69	66	64		60.0
LONG BRANCH	MAX	69	75	65	68	67	72	86	62	70	70	79	89	80	84	87	90	94	89	92	80	78	80	80	86	80	78	84	82	85	85		79.5
	MIN	54	60	57	54	59	60	59	50	44	46	51	63	67	64	65	70	70	72	73	63	59	61	63	68	69	66	66	69	67	65		61.8
LONG VALLEY	MAX	76	77	69	75	74	80	85	79	74	79	83	89	90	94	94	97	93	95	90	85	85	89	90	95	87	83	81	86	80	81		84.5
	MIN	47	60	52	41	51	53	67	52	35	34	43	60	58	67	62	63	67	67	66	56	52	56	57	67	68	67	68	67	63	61		57.6
MILLVILLE	MAX	80	81	87	61	71	68	75	86	60	72	78	80	91	93	91	95	99	97	97	95	84	87	90	92	92	89	85	89	88			84.6
	MIN	56	61	59	56	59	62	62	57	47	51	50	62	67	68	67	72	71	74	75	64	60	63	67	72	70	70	71	72	67			63.9
MOORESTOWN	MAX	78	84	69	75	71	77	88	61	72	79	80	91	90	93	97	99	97	97	93	83	88	90	92	94	90	86	89	90	85	85		85.4
	MIN	56	60	53	50	63	62	61	48	43	44	51	65	65	67	68	71	71	71	74	63	55	63	63	73	68	69	70	69	68	68		62.4
MORRIS PLAINS	MAX	76	77	70	75	74	78	82	79	72	78	83	89	89	91	93	97	97	96	94	87	85	88	88	91	87	87	87	87	84	80		84.7
	MIN	46	58	56	42	53	55	61	52	38	36	49	60	60	63	64	66	71	70	68	58	49	53	55	67	66	67	68	67	65	64		58.2
NEWARK W8 AIRPORT	MAX	76	80	70	72	75	79	85	64	73	74	85	89	86	87	95	94	97	93	95	80	84	83	82	91	85	80	86	85	86	86		83.2
	MIN	58	61	57	51	62	61	59	55	47	49	54	67	70	68	69	74	75	76	73	65	63	65	66	72	70	70	69	72	69	66		64.4
NEW BRUNSWICK EXP STA	MAX	74	80	70	76	73	79	85	80	72	78	82	90	88	93	94	95	94	95	92	88	86	87	90	92	90	87	89	88	84	84		85.2
	MIN	53	60	60	48	62	60	60	53	41	44	49	63	65	64	67	70	70	71	71	60	57	58	60	63	68	69	69	70	67	66		61.3
NEWTON	MAX	79	78	74	72	77	72	81	76	66	76	81	85	87	91	90	94	96	96	95	87	78	87	90	90	94	88	85	88	86	80		84.0
	MIN	43	59	50	40	52	49	58	51	35	33	46	59	56	65	62	64	63	64	67	53	45	49	56	63	67	67	65	67	65	61		55.8
PATERSON	MAX	77	79	80	72	77	75	80	85	67	76	79	86	90	90	92	98	100	96	96	95	82	86	89	88	94	88	82	89	87	85		85.3
	MIN	54	56	58	48	58	57	61	55	47	45	57	65	67	68	71	73	73	74	73	63	58	60	63	69	69	70	69	69	66	65		62.7
PEMBERTON 3 E	MAX	79	85	70	75	71	79	88	75	72	79	82	93	91	94	97	100	99	100	95	89	88	89	92	91	91	86	90	90	84	86		86.7
	MIN	53	58	57	48	60	60	60	53	39	45	45	63	63	64	66	66	63	67	67	56	51	50	52	69	66	67	69	68	59	59		58.8
PHILLIPSBURG	MAX	80	85	79	76	75	80	86	85	76	79	81	89	88	90	93	95	98	96	89	87	84	88	89	87	89	90	90	88	90	81		86.1
	MIN	55	62	56	46	55	58	66	53	47	41	50	69	62	66	67	68	69	70	70	57	53	58	70	71	70	68	70	69	68	62		61.5
PLAINFIELD	MAX	78	80	71	78	75	80	86	72	75	79	84	89	88	93	95	97	95	96	93	82	85	88	88	93	88	82	88	87	82	84		85.0
	MIN	54	61	59	46	57	57	57	53	40	43	48	65	65	66	67	71	70	70	71	61	54	57	60	70	68	69	68	69	67	63		60.9
PLEASANTVILLE 1 N	MAX	71	73	79	61	70	67	72	84	60	69	72	77	89	82	83	87	90	91	92	94	84	94	94	94	85	85	85	85	83	86		81.3
	MIN	55	63	59	56	59	61	59	57	45	54	46	60	64	65	67	69	69	69	73	66	55	66	70	71	68	71	71	69	67	62		62.9
RIDGEFIELD	MAX	79	79	74	77	76	82	84	68	79	81	86	88	90	93	94	97	95	95	93	79	87	89	89	94	89	79	88	88	84	84		85.3
	MIN	53	60	55	49	58	58	57	53	46	45	55	66	68	67	68	71	72	71	73	63	56	61	64	72	70	69	69	72	68	65		62.5

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RUNYON	MAX	82	84	79	77	81	82	89	77	79	82	84	95	93	94	99	99	192	199	99	88	92	90	93	94	99	85	84	93	89	87		88.7
	MIN	59	58	54	42	59	52	61	55	44	42	40	62	58	62	65	67	68	67	68	56	56	58	63	62	62	67	66	66	67	62		58.3
SANDY HOOK LBSTA	MAX	69	71	72	69	70	76	87	77	78	77	81	91	88	85	88	88	94	95	96	79	78	78	84	88	84	89	82	83	81	83		81.6
	MIN	57	64	59	55	62	69	59	59	53	56	56	65	67	67	65	62	73	74	79	66	69	69	67	72	79	79	67	79	71	62		64.5
SOMERVILLE	MAX	89	89	72	78	77	82	88	79	76	83	85	93	93	95	96	99	98	98	93	83	99	92	93	94	99	86	90	92	85	85		87.5
	MIN	59	61	59	45	56	61	63	54	39	39	47	66	62	66		69	71	69	73	57	52	56	62	79	67	79	69	79	67	61		69.4
SUSSEX 3 N	MAX	79	78	69	74	76	72	80	79	68	76	80	84	85	91	90	93	95	94	96	88	76	86	89	87	94	86	85	88	85	89		83.4
	MIN	44	48	50	49	46	47	50	48	37	35	40	54	55	62	64	63	64	64	67	55	45	51	56	60	65	66	66	67	63	58		54.3
TRENTON 2	MAX	79	83	73	75	75	81	87	67	75	81	83	92	92	94	97	98	97	98	94	81	87	99	93	93	89	86	90	89	84	86		86.3
	MIN	56	62	58	49	63	62	63	52	45	47	53	65	68	69	70	74	72	74	74	62	60	64	65	73	69	79	72	71	68	66		63.9
TRENTON WB CITY	MAX	76	82	69	73	72	78	85	60	71	79	85	90	90	92	96	99	95	96	92	80	88	89	99	90	88	84	88	88	84	83		84.4
	MIN	56	61	57	53	64	62	60	51	46	50	55	66	71	69	69	75	73	76	71	64	63	65	65	74	70	70	71	72	69	67		64.5

EVAPORATION AND WIND

Table 6

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
CANOE BROOK	EVAP	-	-	-	-	-	.07	.19	.20	.04	.09	.28	.23	.13	.23	.19	*	.39	*	.43	.26	.17	.16	.15	.14	.16	.20	.12	.13	.17	.10		B5.08
	WIND	8	18	5	4	5	3	4	3	9	31	11	8	10	8	7	3	5	9	8	18	10	5	24	1	5	8	5	7	29	14		285
PLEASANTVILLE 1 N	EVAP	.24	.09	.22	.07	.10	.03	.12	*	*	.32	.32	.27	.19	.22	.22	.23	.15	.33	.27	.28	.35	.15	.27	.25	.14	.20	.17	.26	.24	.30		6.00
	WIND	31	24	34	39	6	12	15	38	17	33	33	60	36	21	30	30	15	8	43	28	44	22	24	48	53	49	7	39	72	63		974
RUNYON	EVAP	.06	.19	.30	.11	.24	.18	.19	.18	.20	.25	.13	.23	.19	*	.57	.35	.11	.14	.22	.24	.23	.13	.14	*	*	.50	.14	.10	.37	.11		5.80
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-

DAILY SOIL TEMPERATURES

STATION AND DEPTH		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	82	82	77	84	75	82	88	64	82	87	93	92	91	78	94	95	95	97	98	93	94	98	95	102	89	81	91	87	95	87		88.8
	MIN	58	63	58	55	62	64	64	57	52	53	58	65	66	88	70	73	73	73	72	87	63	84	67	72	71	72	73	73	72	87		65.5
2 INCHES	MAX	71	72	70	74	70	74	77	66	72	75	78	79	81	84	85	86	87	87	86	81	83	85	85	88	84	80	84	82	80	79		79.5
	MIN	60	63	61	58	63	64	65	59	55	56	80	66	67	69	70	74	73	74	74	89	66	67	69	73	73	73	73	74	72	89		88.9
4 INCHES	MAX	70	71	70	72	69	73	74	67	71	74	76	78	79	82	83	84	86	86	84	80	81	84	83	86	82	79	83	80	78	77		78.1
	MIN	61	63	62	59	63	64	65	60	56	52	61	66	67	69	70	74	73	74	75	70	67	68	70	73	73	73	73	74	73	69		87.4
8 INCHES	MAX	65	66	65	66	66	67	69	68	65	67	69	70	72	73	78	77	78	78	78	76	75	78	77	78	77	78	77	78	75	74		72.4
	MIN	62	64	63	61	64	64	65	64	61	60	63	66	68	68	70	72	73	73	74	72	70	70	71	73	73	73	73	73	73	70		88.2
16 INCHES	MAX	62	63	63	63	63	63	85	65	63	63	64	66	67	68	70	71	72	72	73	73	71	71	72	73	73	73	73	73	73	72		88.4
	MIN	61	62	62	61	62	62	63	63	61	61	62	64	65	66	67	69	70	71	72	71	89	69	70	71	71	71	71	72	72	70		88.7
32 INCHES	MAX	58	59	59	59	59	59	60	60	60	60	60	60	61	61	62	63	83	65	65	66	66	86	86	68	87	87	87	87	88	88		62.9
	MIN	57	58	58	58	59	59	59	60	59	59	59	60	60	61	61	62	63	63	85	65	65	85	85	85	66	66	86	67	87	87		82.1

Measured under Kentucky Bluegrass.

See reference notes following Station Index.

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1956 - 1957

NEW JERSEY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Normal July-June
ATLANTIC CITY W8	1	0	70	183	524	605	1019	721	701	394	173	29	4420	4741
AUDUBON	1	1	110	229	555	704	1088	742	692	324	112	14	4572	
BELLEPLAIN	0	3	100	196	479	635	1029	714	680	312	124	19	4291	
BELVIDERE	10	2	94	257	638	851	1203	819	742	380	124	10	5130	
BOONTON 2 SE	14	13	190	369	656	879	1233	873	804	433	217	34	5715	
BRIDGETON 1 NE	0	5		226	557	715		751		354	116	12		
BURLINGTON	3	1	90	192	527	698	1080	735	697	319	90	4	4436	
CANOE BROOK	13	14	153	354	616	856	1230	860	758	407	230	25	5516	
CAPE MAY 3 W	0	0	64	138	455	575		692		301	126	11		
CHARLOTTEBURG	29	50	246	466	716	918	1294	935	890	486	271	78	6379	
CHATSWORTH 5 S					552	691								
CLAYTON	2	11	114	231	524	687	1075	725	697	327	109	9	4511	
ELIZABETH	5	1	111	225	547	769	1141	785	722	351	123	10	4790	
ESSEX FELLS SERV BLDG	11	10	166	310	649	834	1230	785	815	391	166	31	5398	
FLEMINGTON 1 NE	9	8	162	327	638	808	1204	837	776	396	154	23	5342	
FREEHOLD	6	6	119	250	558	746	1139	779	749	349	142	14	4857	
HAMMONTON 2 NNE	1	5	105	277	536	691	1092	745	658	325	129			
HIGH POINT PARK						1019	1504	1029	1003	574	332			
HIGHTSTOWN 1 N	9	6	129	269	565	744	1144	792	764	360	145	14	4941	
INDIAN MILLS 2 W	3	7	133	284	583	735	1136	768	752	350	160	23	4934	
JERSEY CITY	12	5	138	275	581	788	1162	812	742	404	164	24	5107	
LAKEWOOD 2 ENE	7	18	148	315	618				779	424	218	45		
LAMBERTVILLE	7	2	136	287	594	771	1145	809	752	369	137	15	5024	
LAYTON 3 NW	21	19	204	417	751	978	1339	934	856	453	202	44	6218	
LEESBURG STATE FARM	1	7	116	244	535	656	1088	794	713	321	108	20	4603	
LITTLE FALLS 1 E	10	5	130	313	595	813	1189	814	754	390	157	23	5193	
LONG BRANCH	6	8	134	253	552	717	1129	793	734	425	195	37	4983	
LONG VALLEY	19	26	178	319	660	862	1239	854	798	427	208	36	5626	
MILLVILLE										296	121	22		
MILLVILLE CAA AIRPORT		7	112	236	515	625		750						
MOORESTOWN	5	4	132	267	584	726	1102	778	727	372	159	26	4882	
MORRIS PLAINS	12	16	163	318	635	848	1222	840	780	405	166	31	5436	
NEWARK W8 AIRPORT	9	2	117	244	565	767	1140	795	705	367	132	17	4860	5252
NEW BRUNSWICK EXP STA	9	5	124	259	575	765	1147	797	743	363	138	16	4941	
NEWTON	27	33	224	427	741	952	1308	923	862	465	254	49	6265	
PATERSON	9	3	124	267	563	781	1152	791	746	372	154	17	4979	
PEMBERTON 3 E	4	7	113	244	535	701	1121	752	733	349	145	18	4722	
PHILLIPSBURG	9	3	94		586	800	1184	790	719	352	137	12		
PLAINFIELD	9	7	130	261	593	791	1152	807	739	376	147	16	5028	
PLEASANTVILLE 1 N	1	9	105	227	558	722	1130	776	750	372		30		
RIDGEFIELD	11	3	134	265	615	814	1177	820	737	377	142	10	5105	
RUNYON	3	10	119	309	599	796	1155	789	737	356	150	14	5047	
SANDY HOOK LSTA	5	3	77	213		723	1105	790	728		108	5		
SOMERVILLE	11	1	141	272	604	794	1189	835	757	379	149	14	5146	
SUSSEX 3 N	20	13	197	360	740	990	1337	946	893	494	263	38	6311	
TRENTON 2	6	2	111	241	567		1101	779	705	359	125	14		
TRENTON W8 CITY	8	2	123	240	565	728	1115	783	713	364	133	19	4793	5068

CORRECTIONS

MONTH: AUGUST 1958

Table 2:
Newton — Temperature departure from long-term means should be - 1.7

Table 2:
Paterson — Temperature departure from long-term means should be - 0.6

MONTH: DECEMBER 1956
DELAYED DATA

Table 2, 3, 5:
Millville Airport — Data published as Millville should be Millville Airport

ANNUAL: 1956

Table 1:
Newton — August temperature departure from long-term means should be - 1.7

MONTH: FEBRUARY 1957

Table 2:
Essex Fells Serv Bldg — Average maximum temperature should be 44.4; average minimum temperature 29.3; average temperature, 36.9; total degree days 785.

Table 5:
Essex Fells Serv Bldg — Maximum temperature for the 25th should be 49; minimum temperature for the 26th should be 40; average maximum temperature should be 44.4; average minimum temperature should be 29.3

MONTH: MARCH 1957

Table 5:
Phillipsburg — Maximum temperature on the 30th should be 53; 31st, 53; minimum temperature on the 30th should be 37

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

NEW JERSEY
DELAYED DATA

TABLE 2

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days Max 90° or Above	No of Days Max 32° or Below	No of Days Min 32° or Below	No of Days Min 0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet Total	Snow, Sleet Max Depth on Ground	Snow, Sleet Date	No of Days 1.0 or More	No of Days .50 or More	No of Days 1.00 or More
DECEMBER 1956																							
MILLVILLE AIRPORT	53.9M	35.0M	44.5M		71	8	15	31	625	0	0		0	3.84		.86	16	T	0		8	4	0

DAILY PRECIPITATION

Table 3

Station	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
DECEMBER 1956																																
MILLVILLE AIRPORT						T				.19		.20	.04	.52	.80	.66		T			.21	T		.73		.05	T	.05	T		.18	3.84

DAILY TEMPERATURES

Table 5

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
DECEMBER 1958																																	
MILLVILLE AIRPORT	MAX			46	58	59	56	66	71		67	45	56	61	62	57		54	51	51	45	54	55		55		51	39	44	51		40	53.9
	MIN			19	28	33	45	45	56		21	30	39	46	48	40		39	44	28	28	42	42		40		24	24	27	36		15	35.0

DAILY SOIL TEMPERATURES

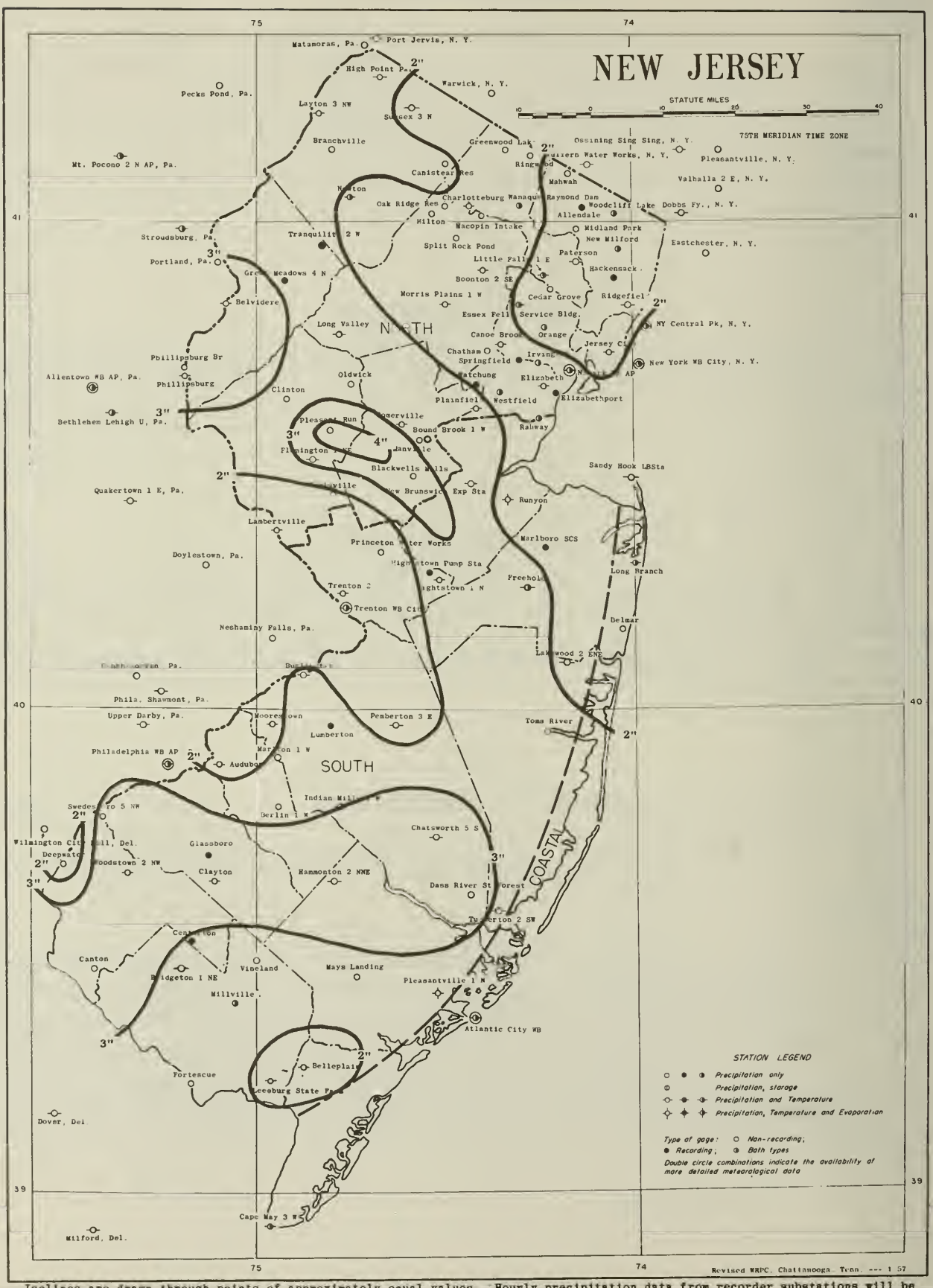
NEW JERSEY
DELAYED DATA

STATION AND DEPTH		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
JULY 1956																																	
NEW BRUNSWICK EXP STA																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	87	86	87	73	67	65	79	82	78	61	83	82	80	81	82	74	80	85	77	74	67	77	84	75	63	87	83	86	84	75	83	80.2
	MIN	65	71	71	67	63	62	64	67	71	69	69	66	67	68	65	67	65	85	64	65	65	64	69	69	66	68	71	72	69	64	64	86.8
2 INCHES	MAX	81	81	82	72	67	64	76	78	76	78	80	78	75	77	77	72	77	80	73	72	67	74	79	74	80	83	81	82	81	76	79	76.8
	MIN	66	70	71	68	63	63	64	67	71	70	67	67	68	69	66	68	66	66	66	66	65	65	69	70	67	69	71	73	70	85	65	87.5
4 INCHES	MAX	79	79	80	73	68	64	73	76	75	77	76	76	74	76	76	72	76	79	73	71	67	72	78	73	78	81	79	80	79	76	78	73.4
	MIN	67	71	71	68	64	63	64	67	70	70	67	68	68	70	66	68	67	67	66	66	66	65	89	70	68	69	72	74	70	87	88	87.9
8 INCHES	MAX	73	74	74	73	68	65	69	71	72	74	73	72	71	72	72	71	72	73	71	70	69	89	73	72	75	75	75	76	75	73	73	71.8
	MIN	68	70	71	69	65	64	64	67	70	70	69	68	69	70	68	68	67	68	68	68	67	66	68	70	68	69	72	73	72	69	68	66.5
16 INCHES	MAX	69	70	71	71	69	66	66	68	69	70	70	69	69	69	69	69	69	70	69	69	68	68	69	69	70	71	72	72	72	71	71	89.1
	MIN	67	68	69	69	66	65	64	66	68	68	68	68	68	69	68	68	67	68	68	68	67	66	67	69	68	69	70	71	71	70	89	88.0
32 INCHES	MAX	64	64	65	65	65	65	64	84	64	65	66	65	65	65	66	86	66	66	66	66	65	65	65	68	66	66	68	87	87	87	87	85.5
	MIN	64	64	64	65	65	64	63	63	63	64	84	64	65	65	65	65	85	65	65	65	65	65	65	85	65	65	86	86	87	67	87	84.8

Measured under Kentucky Bluegrass.

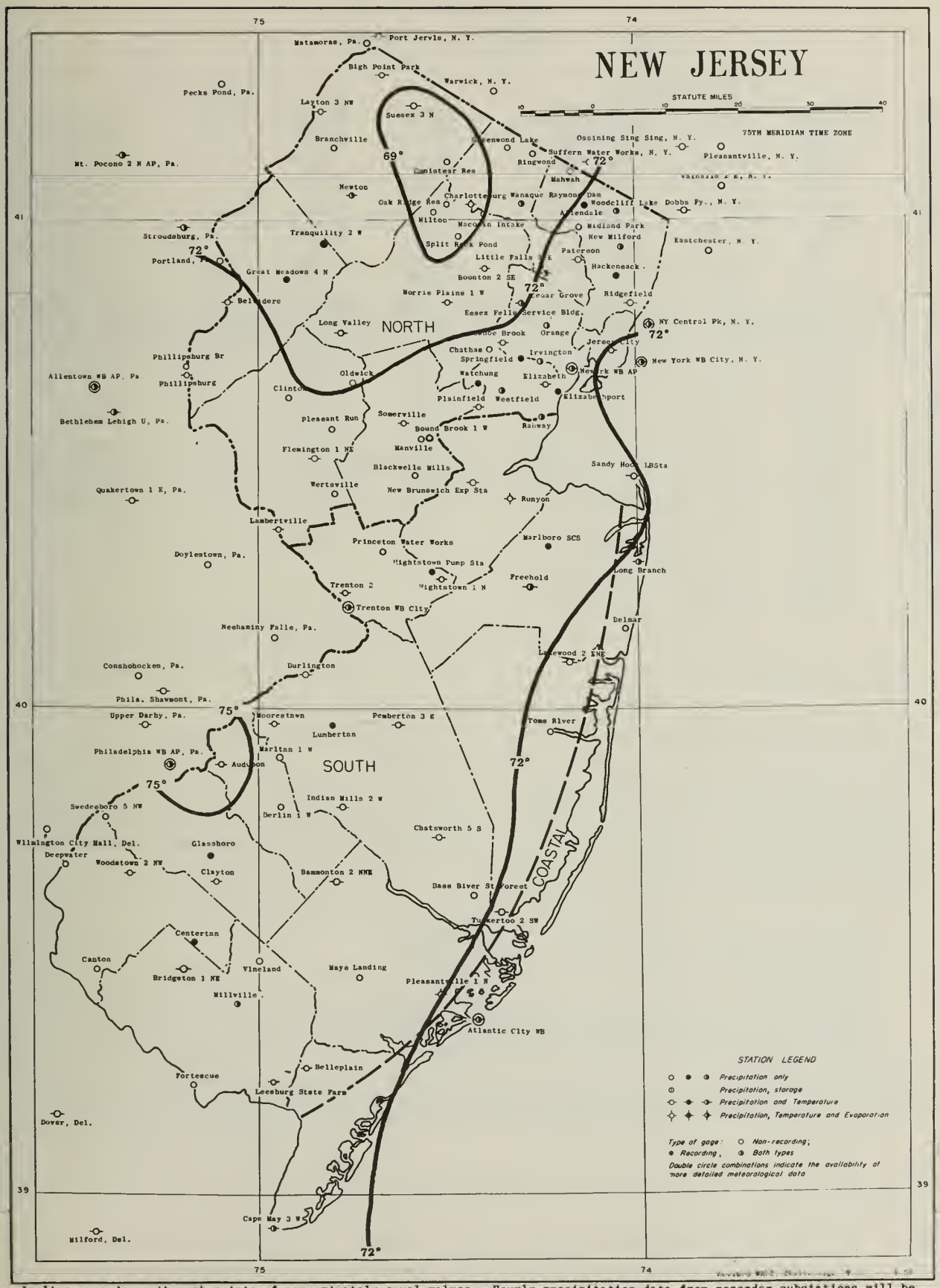
See Reference Notes Following Station Index

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270	MID	MID	BERGEN COUNTY ENGS	C
●ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	80	11P	11P	IRVIN J. MYERS	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P	W.Y. FORESTRY SVC	3 7
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P	MRS. ED C. HOFFNAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	280	5P	5P	MISS C. S. HIXSON	2 3 5 7
BERLIN 1 W	0767	CAMDEN	7	39 48	74 57	180		7A	SAMUEL M. MC CULLEY	3
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A	HENRY H. MILLER	3
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WTR WKS	2 3 5
BOUND BROOK 1 W	0927	SOMERSET	10	49 33	74 33	29		8A	AMERICAN CYANAMID CO	3
BRANCHVILLE	0976	SUSSEX	2	41 09	74 47	570		7A	ALBERT M. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	30 28	75 12	114	0A	0A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	0P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	0A	0A	COMMONWEALTH WTR CO	2 3 5 0
CANTON	1343	SALEM	2	39 28	75 25	20		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	N.WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		6A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A	EDWARD P. MOLITOR	3 C
CHATSWORTH 5 S	1508	BURLINGTON	1	30 44	74 32	00	5P	5P	WILLIAM S. HAINES	INAC 1/57
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	0P	0P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		0P	L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2708	ESSEX	8	40 50	74 18	230	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A	JOHN LOPER	3
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	0P	0P	FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	550		MID	MICHAEL OZYOWSKI JR.	C
GREENWOOD LAKE	3510	PASSAIC	8	41 00	74 20	660		7A	GEORGE T. WIGGINS	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	T	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1600	8A	8A	N. J. DEPT. OF CONS.	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	T	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	MID	MID	GEORGE G. WADDILL	2 3 5 T C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5 7
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. M. DEPUE	2 3 5 7
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P	LEESBURG STATE FARM	2 3 5
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 16	157	9A	9A	PASSAIC VLY WTR COMM	2 3 5 T C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID	STORM WARN. DSPL STA	2 3 5 T C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A	NEWARK WATER DEPT	3
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A	ROBERT G. GLASGOW	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		0P	DAVID GRISCOM	3
MAYS LANDING	5346	ATLANTIC	3	30 27	74 44	50		5P	ELMER EARLE	3 7
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		8A	RIDGEWOOD WATER CO.	3
MILLVILLE	5576	CUMBERLAND	0	30 24	75 03	60	8A	8A	L. J. GALLAHER	2 3 5 7 C
MILTON	5507	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A	H. J. WILLARD	2 3 5 7
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	0020	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 28	80	5P	5P	ARTHUR H. AHLQUIST	2 3 5 7 G
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	0177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	0460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
OLDWICK	0544	HUNTERDON	10	40 40	74 45	280		8A	DAN A. COUGHLIN	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	0775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PENBERTON 3 E	6843	BURLINGTON	2	30 58	74 38	00	5P	5P	CHARLES A. DOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5 7
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		0A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A	JOHN H. BERRYMAN	3
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	00		MID	PRINCETON WATER CO	3
RAHWAY	7393	UNION	0	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 7 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	0P	6P	W. E. NAVER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A	BRICE B. STANTON	2 3 5
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MID	H. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID	E. H. RISTOW	2 3 5
●TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON 2 SW	8899	OCEAN	1	39 35	74 22	45	8A	8A	VERNON W. MOTT	INAC 12/56
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		6A	WATER SUPPLY COMM	3 7 C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MID	BONNIE BURN SAN.	C
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A	ROBERT M. MANNERS	3
●WESTFIELD	9455	UNION	9	40 39	74 21	138		5P	CITY ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 2 NW	9910	SALEM	2	39 40	75 20	16	0P	8A	WOODROW W. HALTER	INAC 2/56
CLOSED STATIONS										
NILLVILLE AIRPORT	5581	CUMBERLAND	6	39 22	75 04	68	8A	8A	AIRPORT MANAGER	CLOSED 3/57

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are closing or were received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for September 1958.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 8. Max and Min in Table 6 refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in the standard of time in local use. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5, is indicated by no entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.
+ And also on a later date or dates.
++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with a windshield.
Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
AM Data based on observational day ending before noon.
H Adjusted to a full month.
C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
G In the "Refer to Tables" column in the Station Index the letter "G" indicates that soil temperatures are published.
M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this stations, have been adjusted to represent the value for a full month.
E Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Data".)
T Trace, an amount too small to measure.
V Includes total for previous month.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, Annual for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC., Asheville, N. C. --- 8/9/57 --- 750

See Page 58 for Corrections

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JULY 1957
Volume LXII No. 7

THE LIBRARY OF THE
SEP 23 1957
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1957

WEATHER SUMMARY

GENERAL

Severe drought conditions prevailed during the month, and temperatures averaged mostly near seasonal but several days on which maximum readings were unusually high contributed to the drought damage.

All division temperature averages for the month showed departures from long-term means that were less than 1° (-0.9° in the Northern Division to +0.6° in the Coastal Division). A large percentage of the stations reported maximum readings that equaled or exceeded 100°, but top honors went to Runyon with 106° on the 22nd. Nearly all stations in the State recorded their low for the month on the 3rd, with a 36° reading at Layton 3 NW being lowest closely followed by 38° at Charlotteburg.

The precipitation averages for all divisions were deficient from long-term means by more than two inches. All stations for which comparative data are available had quite noteworthy minus departures. The monthly totals ranged from 0.31 inch at Atlantic City WB to 4.89 inches at High Point Park, while the greatest amount on one day was 2.01 inches at Jersey City on the 13th. Atlantic City WB reported a total of 3.61 inches for May, June and July, which was the lowest total for these three months on record. A total of 4.92 inches for these three months at Newark was reported as the lowest for that period since 1843, and at Trenton a total of 4.10 inches for these three months was the least for that period since records began in 1865.

The percentage of possible sunshine was well above average at Atlantic City and slightly above at Trenton, while daytime cloudiness was just slightly more than average at Atlantic City and somewhat less than average at Newark and Trenton.

WEATHER DETAILS

Temperatures during July fluctuated rather frequently, but for most of the month daily departures were not of noteworthy significance. There were two warm periods which were somewhat unusual, the 4th-5th and 20th-22nd. Some stations reported departures from the long-term mean on some of these days that were 10° or more. There were many stations in the State that reported maximum temperatures of 100° or above during the 20th-22nd period. Minimum readings for the month were reported from most stations on the 3rd with readings in the 40's at about one-half of the stations in the State.

Precipitation in July was quite deficient in all areas of the State. Measurable amounts of rainfall which occurred as a result of showers and thunderstorms were mostly in the light category and furnished little relief.

WEATHER EFFECTS

Reports received indicated that field corn was heavily damaged in all areas of the State by severe drought conditions. Most fields were stunted at the critical silking stage and a high percentage of plants failed to start ears. Wheat yield was slightly smaller than last year. Oats showed the lowest yield per acre and production since 1947. Soybeans were also damaged by drought conditions. Most hay fields have furnished only one cutting to date and prospects for later cuttings declined further during July. Production of potatoes and sweet potatoes is expected to be less than last year.

Early variety apples sized fairly well, but later varieties were retarded by the continued dry weather. The dry weather favored insect and disease control. Heavy set and continued dry weather limited the size of peaches; however, growers have been able to maintain a good spray cover. Grape crop prospects declined and the yield of most vegetable crops was adversely affected by the prolonged drought.

DESTRUCTIVE STORMS

On the afternoon of the 27th two boys were killed when struck by a bolt of lightning while playing in woods near their home in Roselle Park in north central Union County.

In northern Camden County and adjacent portion of Burlington County during mid-afternoon of the 28th wind blew down the tent of a summer theater, also blew down trees and disabled power and communication lines. Driving rain flooded some streets and highways, stalling traffic. Lightning set fire to one home and tore hole in the roof of another. In southwestern Union County on the afternoon of the 28th, the roof of a home was damaged by a lightning bolt.

On the 31st in the late afternoon in eastern Monmouth County, trees and utility poles were blown down, an electrical substation and two homes were struck by lightning and heavy rains flooded streets and highways. An isolated thunderstorm struck Clementon Borough in Camden County on the afternoon of the 31st. Winds were estimated to have reached 75 mph or higher in gusts. Several buildings were partially unroofed and plate glass windows were blown out of three business establishments. Several trees were uprooted. Lightning struck one large tree, the top of which fell on a private residence. Heavy rain damaged the interior of unroofed buildings, and also those buildings with windows blown out. Damage by rain also occurred in private homes. Three persons were injured in an amusement park by flying debris. One home was struck by lightning, with minor damage by fire as a result.

FLOODS

None reported on rivers. The U. S. Geological Survey reported that streamflow continued to decline especially in the southern half of the State where, at the key station Great Egg Harbor River at Folsom, it dropped to 25.7 cfs for the month - slightly less than the previous minimum in September 1931. Water levels in wells continued to decline at a greater than average rate and in some observation wells reached new low levels for July.

Franklin W. Long, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

CLIMATOLOGICAL DATA

TABLE 2

NEW JERSEY
JULY 1957

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: 1.0 or More	5.0 or More	1.00 or More
NORTHERN																								
BELVIDERE		89.5	60.6	75.1	- .4	101	21	48	3	0	16	0	0	0	1.17	- 4.20	.45	9	.0	0		3	0	0
BOONTON 2 SE	AM	84.5	59.6	72.1	- .9	97	23	45	3	3	5	0	0	0	1.30	- 2.90	.39	14	.0	0		4	0	0
CANOE BROOK	AM	87.3M	58.4	72.9M	- .2	100	22+	42	3	8	11	0	0	0	1.03	- 3.59	.29	14	.0	0		4	0	0
CHARLOTTEBURG	AM	83.6M	55.2M	69.4M	- 1.8			38	3	19	4	0	0	0	2.10	- 2.63	.52	14	.0	0		8	1	0
ELIZABETH		88.9	63.7	76.3	.3	102	21+	50	3	0	14	0	0	0	2.83	- 1.55	.47	13	.0	0		9	0	0
ESSEX FELLS SERV BLDG	AM	84.0	58.6	71.3		100	22	46	3	5	6	0	0	0	1.21		.49	13	.0	0		3	0	0
FLEMINGTON 1 NE		90.4	59.0	74.7	- 1.0	104	22	41	3	0	17	0	0	0	.97	- 3.41	.63	14	.0	0		2	1	0
HIGH POINT PARK	AM	77.3	57.1	67.2		89	22	45	2	41	0	0	0	0	4.89		1.94	30	.0	0		7	4	1
JERSEY CITY		83.4	66.4	74.9	- .8	100	22	56	3	0	4	0	0	0	2.61	- 1.35	2.01	13	.0	0		3	1	1
LAMBERTVILLE		89.5	60.7	75.1	.2	101	21	45	3	1	14	0	0	0	.91	- 3.56	.56	9	.0	0		2	1	0
LAYTON 3 NW		85.9	53.9	69.9	- 1.9	97	21+	36	3	16	6	0	0	0	3.22	- 1.69	1.10	13	.0	0		8	3	1
LITTLE FALLS 1 E	AM	87.9	61.0	74.5	- .4	102	22	47	3	1	12	0	0	0	1.50	- 3.00	.41	14	.0	0		5	0	0
LONG VALLEY		86.1	56.9	71.5		99	22	40	3	6	7	0	0	0	.90		.50	9	.0	0		2	1	0
MORRIS PLAINS		88.1	59.3	73.7		99	22	43	3	1	14	0	0	0	1.16		.53	13	.0	0		4	1	0
NEWARK WB AIRPORT	R	87.9	66.6	77.3	2.0	101	22	56	3	0	12	0	0	0	1.51	- 2.69	.71	13	.0	0		3	2	0
NEWTON	AM	85.1	57.5	71.3	- 1.2	98	22+	40	3	17	8	0	0	0	2.11	- 2.57	.39	29	.0	0		8	0	0
PATERSON	AM	87.8M	63.3M	75.6M	- .3	102	23	53	3	0	13	0	0	0	*				.0	0				
PHILLIPSBURG		87.5	60.5	74.0	- .4	101	22	47	3	0	10	0	0	0	.92	- 4.72	.28	29	.0	0		4	0	0
PLAINFIELD		87.1	61.6	74.4	- .7	101	21	46	3	0	10	0	0	0	2.45	- 2.04	.82	14	.0	0		5	2	0
RIDGEFIELD		86.7	63.6	75.2	.0	100	22	50	3	0	10	0	0	0	1.96	- 2.36	.55	13	.0	0		6	2	0
SOMERVILLE		90.2	60.7	75.5	.8	103	21+	44	3	0	16	0	0	0	1.36	- 3.08	.92	14	.0	0		3	1	0
SUSSEX 3 N	AM	84.7	55.7	70.2	- 3.2	97	23	42	3	14	6	0	0	0	3.54	- 1.53	1.08	14	.0	0		6	3	1
DIVISION				73.3	- .9										1.80	- 2.82			.0					
SOUTHERN																								
AUDUBON		89.5	65.3	77.4		103	21	51	3	0	15	0	0	0	.47		.28	9	.0	0		2	0	0
BELLEPLAIN		89.5	61.7	75.6		101	22	46	3	1	15	0	0	0	.60		.60	23	.0	0		1	1	0
BRIDGETON 1 NE	AM			M								0	0	0					.0	0				
BURLINGTON		91.0	65.5	78.3	1.0	105	21	53	3	0	18	0	0	0	1.10	- 3.14	.35	31	.0	0		4	0	0
CLAYTON		88.8	63.8	76.3		101	21	52	3	0	11	0	0	0	.90		.38	28	.0	0		3	0	0
FREEHOLD		88.2	62.1	75.2	.1	101	21+	49	3	0	12	0	0	0	1.67	- 2.35	.45	30	.0	0		7	0	0
HAMMONTON 2 NNE	AM	89.2M	63.9M	76.6M	.4	103	21	51	2	0	14	0	0	0	.71	- 3.48	.36	24	.0	0		2	0	0
HIGHTSTOWN 1 N		88.7	61.9	75.3	.3	103	21	47	3	0	13	0	0	0	1.17	- 3.08	.48	31	.0	0		3	0	0
INDIAN MILLS 2 W		88.3	58.6	73.5	- 1.4	101	21+	42	3	3	12	0	0	0	.83	- 3.01	.30	9	.0	0		5	0	0
† LAKEWOOD 2 ENE		87.1	6D.2	73.7	- 1.D	105	22	43	3	D	7	D	D	D	1.65	- 2.15	.52	23	.D	0		5	1	D
LEESBURG STATE FARM		87.0	63.1	75.1		98	22	47	3	0	12	0	0	0	.54		.24	9	.0	0		3	0	0
MILLVILLE	AM	88.4	64.6M	76.5M		100	23	53	3	0	14	0	0	0	.63		.38	24	.0	0		2	0	0
MOORESTOWN		88.1	63.5	75.8	.6	102	21	49	3	0	12	0	0	0	1.67	- 2.31	1.21	29	.0	0		2	1	1
NEW BRUNSWICK EXP STA		88.3	62.8	75.6	.5	102	22	49	3	0	13	0	0	0	1.31	- 2.94	.50	30	.0	0		4	1	0
PEMBERTON 3 E		90.1	59.8	75.0	- .7	103	21+	48	2+	0	14	0	0	0	1.15	- 3.20	.58	28	.0	0		3	1	0
PLEASANTVILLE 1 N	AM	86.0	60.8	73.4	- 1.0	100	23	46	3	1	7	0	0	0	.36	- 3.50	.19	9	.0	0		2	0	0
RUNYON		90.9	59.8	75.4	.9	106	22	43	3	1	16	0	0	0	1.07	- 3.18	.23	13	.0	0		5	0	0
TRENTON 2		88.4	65.4	76.9		102	21+	53	3	0	13	0	0	0	1.67		.67	28	.0	0		3	2	0
TRENTON WB CITY	R	86.8	66.6	76.7	1.4	100	21+	56	3	0	12	0	0	0	1.23	- 2.83	.49	28	.0	0		4	0	0
TUCKERTON		86.0	62.2	74.1		101	22	45	3	1	7	0	0	0	.40		.26	9	.0	0		2	0	0
WOODSTOWN 5 WSW	AM	88.4	63.5	76.0		102	23	50	3	0	12	0	0	0	.90		.52	9	.0	0		2	1	0
DIVISION				75.7	.2										.97	- 3.08			.0					
COASTAL																								
ATLANTIC CITY WB	R	80.1	67.4	73.8	.2	92	5	60	2	0	1	0	0	0	.31	- 3.47	.14	23	.0	-0		2	0	0
CAPE MAY 3 W		85.3M	65.7M	75.5M		95	22			0	5	0	0	0	.52		.34	23	.0	0		2	0	0
LONG BRANCH		84.2	64.1	74.2	- .4	102	22	51	3	0	6	0	0	0	.84	- 3.25	.26	30	.0	0		3	0	0
SANDY HOOK LBSTA		87.9	67.5	77.7	2.3	101	22	58	2+	0	15	0	0	0	2.45	- 1.11	1.53	31	.0	0		4	2	1
DIVISION				75.3	.6										1.03	- 2.38			.0					

† DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
JULY 1957

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
ATLANTIC CITY WB R	.31							T	T	.10				T	.01									.14					.03			.03
AUDUBON	.47								T	.28		T		T										.10					.09			T
BASS RIVER ST FOREST	2.01									.24														.15						.07		1.55
BELLEPLAIN	.60																							.60								
BELMAR	2.24					T		T	.06	.28				.30	T									.50							T	1.10
BELVIDERE	1.17					.03				.45				.26										.03					.05	.35		
BERLIN 1 W	1.66									.25															.29					.52		.62
BLACKWELLS MILLS	.82	.04								.21				T	.24									.03						.03	.16	.11
BOONTON 2 SE	1.30	.02			.05	T				.18	.25			.15	.39									.08	.02				.06	.08	.02	
BOUND BROOK 1 W	1.56	.01								.26	.02				1.22									.02	T					.03		
BRANCHVILLE	2.64	.14			.20	.03				.19				.38	.40									.07						.27	.68	.28
BRIDGETON 1 NE	-	.09								.36															-							
BURLINGTON	1.10									.33	.12			.02										.20					.08			.35
CANISTEAR RESERVOIR	3.08	.66			.60	.02				.22	.02			.30	.67									.07					.01	.09	.41	.01
CANOE BROOK	1.03	.03			T	T				.14	.09			.05	.29									.03	T				.25	.15	T	
CANTON	.70									.37															.33							
CAPE MAY 3 W	.52																							.34	.17							.01
CEDAR GROVE	2.07									.23	.25			.55										.05						.90	.09	
CHARLOTTEBURG	2.10	.18			.28	T				.16				.31	.52									.03	.05				T	.10	.20	.27
CHATHAM	1.66			.02						T					.24											.73	.16	.14		.37		
CLAYTON	.90					T		T	T	.37														.15			T		.38			
CLINTON	.97					.04				.36				.09	.41									.05						.02		
DEEPWATER	.81					T			.07	.50														.13	.03							.08
ELIZABETH	2.83				.01				.37	.13	.35			.47	.25									.06				.42	.33	.10	.32	.02
ELIZABETHPORT	1.67				T				.04	.34				.53	.01									T				.08	.19		.22	.26
ESSEX FELLS SERV BLDG	1.21									.29	.35		T	.49															.05	.03		
FLEMINGTON 1 NE	.97				T	T				.27				T	.63									.06	.01				T	T		T
FORTESCUE	.56									.26															.30							
FREEHOLD	1.67							T		.35				.19	.14									.09				.19	.14		.45	.12
GREENWOOD LAKE	2.03	.38			.27	T				.21	T			.11	.81									.02	.02				.02	.03	.16	
HAMMONTON 2 NNE	.71									.29					.06										.36							
HIGH POINT PARK	4.89				.73					.26				.94	.59					.08				.16						.19	1.94	
HIGHTSTOWN 1 N	1.17				T	T				.38				.03	.04									.24					T			.48
INDIAN MILLS 2 W	.83							T	.10	.30				.07										.10					T	.10		.16
IRVINGTON	1.38								.05	.05				.57										.02				.03	.13		.53	
JERSEY CITY	2.61								.06	.08				2.01									.03	.05					.23		.15	
LAKEWOOD 2 ENE	1.65							.02	.08	.15		T		.35										.52			.01		.02		.11	.39
LAMBERTVILLE	.91									.56				T	.05									.27					.03			
LAYTON 3 NW	3.22				.42					.11				1.10	.56									.14					.15	.64	.10	
LEESBURG STATE FARM	.54									.24	T													.20	.10							
LITTLE FALLS 1 E	1.50	.06			.10	.01				.16	.09			.28	.41									.07					.03	.24	.05	
LONG BRANCH	.84				T			T	.05	.07				.23										.22			T		.01	T	.26	
LONG VALLEY	.90					.03				.50				.28										.05					.02	.02		
MACOPIN INTAKE	1.92	.26			.40	.02				.18				.46	.20									.05					.01	.03	.17	.14
MAHWAH	2.38	.20			.27					.25	T			.06	.95									.08	.02					.13	.42	
MANVILLE	1.86								.30	.25				1.26										.02					.03			
MARLTON 1 W	1.88								.09	.32				.41										.07					.94			.05
MAYS LANDING	.53									.25														.26			.02					
MIDLAND PARK	1.62				.22					.15				.79										.09					.01	.32	.04	
MILLVILLE	.63									.25															.38							
MILTON	2.37	.26		.15	.27	.02				.19				.28	.45									.07		.05			.04	.13	.40	.06
MOORESTOWN	1.67	.04							T	.31					.03									T	.08					1.21		T
MORRIS PLAINS	1.16	.04			.01	.01				.24	.11			.53	.01									.05				T	.10	.04	.02	
NEWARK WB AIRPORT R	1.51				T				.06	.08				.71	T								T	.02				.02	.11	T	.51	
NEW BRUNSWICK EXP STA	1.31							T		.20				.03	.11									.08				T	.39		.50	T
NEW MILFORD	1.72				.20				.08	.04				.78										.06					.16	.40		
NEWTON	2.11	.02			.30	.30				.12	.12			.08	.38									.12					.03	.39	.25	
OAK RIDGE RESERVOIR	2.32	.13			.32	.03				.21				.23	.43									.07					.01	.15	.26	.48
OLDWICK	.77					.01				.19	.02			.13	.38									.03						.01		
ORANGE		RECORD MISSING																														
PATERSON	*	.19			.34					.26	T			.67	.41									.24						*	*	*
PEMBERTON 3 E	1.15							.04		.27	.01			.09										.12					.58	.04		
PHILLIPSBURG	.92					T				.27				.26	T									.11					T	.28	T	
PHILLIPSBURG BRIDGE	1.42					.05				.33					.40									.15					.49			
PLAINFIELD	2.45				T	T			T	.37	.27			.22	.82									.01				T	.70	T	.05	.01
PLEASANT RUN	1.81	.06					T			.31	.02			.03	1.27	.02								.08						.02		
PLEASANTVILLE 1 N	.36									.19															.17							
PRINCETON WATER WORKS	1.12								.05	.52				.02										.10					.23			.20
RAHWAY	1.69								.02	.28				.79									T	T				.05	.53	T	T	.02
RIDGEFIELD	1.96				.11				.07	.53				.55	.04								T	.08					.16	.11	.31	
RINGWOOD	3.08	.48			.35	T				.22	T			.90	.35									.07					.55	.06	.10	T
RUNYON	1.07									.20				.23	.08									.18				.08	.18	.12		
SANDY HOOK LBSTA	2.45									.19				.58										.14					.01			1.53
SOMERVILLE	1.36									.31				.10	.92									.03								
SPLIT ROCK POND	1.73	.11			.40	.02				.19				.32	.22									.09						.22	.11	.05
SUSSEX 3 N	3.54	.09			.35	.04				.23	.03			.43	1.08									.06	T	.03				.62	.58	
SWEDESBORO 5 NW	1.72									.39														.09	.13				.96	.15		
TOMS RIVER	1.34							.43		.27				.03										.23			.15				.05	.18
TRENTON 2	1.67								.06	.52		.04		.04										.34					.67			T
TRENTON WB CITY R	1.23				T	T			.20	.27		T		.01	.01									.25					.49			T
TUCKERTON	.40									.26														.14								
VINELAND	1.10									.34															.45					.31		
WANAQUE RAYMOND DAM	1.90	.21			.30	T				.14				.27	.49									.05						.19	.09	.14
WERTSVILLE	.90	.09							.02	.28	.01				.22									.09	.15					.04		
WESTFIELD	1.50								.03	.19	.03			*	.75									.05					.45			
WOODCLIFF LAKE	2.88				.26				.10	.02				.90										.10					.20	1.30		
WOODSTOWN 5 WSW	.90	.02								.52															.35				.01			

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed: Fastest mile	Wind speed: Direction of fastest mile	Wind speed: Date of fastest mile	Relative humidity averages percent: 1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Number of days with precipitation: Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB	-	-	14.2	29	S	21+	-	-	-	-	3	3	2	0	0	0	8	62	5.4
LONG BRANCH	S	17	12.2	26	N	24	-	75	55ø	57	4	3	3	0	0	0	10	64	5.0
NEWARK WB AIRPORT	SW	13	9.6	27++	WNW	1+	65	67	44	51	4	4	1	2	0	0	11	-	5.5
TRENTON WB CITY	-	-	6.4	26	S	26	-	-	-	-	4	2	4	0	0	0	10	71	5.3

ø 12:00 Noon

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	80	81	75	85	92	82	78	81	88	80	81	79	74	83	83	76	76	78	81	83	83	88	80	73	75	76	79	79	77	79	79	80.1
	MIN	66	60	61	66	67	65	65	69	67	69	62	68	69	69	72	62	65	67	67	69	73	74	67	68	63	69	69	70	71	70	69	67.4
AUDUBON	MAX	81	82	89	95	95	89	91	92	91	81	84	90	86	92	88	85	89	92	92	96	103	102	83	84	87	87	88	83	90	95	92	89.5
	MIN	66	59	51	66	78	64	65	64	68	65	58	67	70	72	68	60	61	61	62	58	70	76	71	63	63	63	65	65	65	71	70	65.3
BELLEPLAIN	MAX	84	80	89	97	95	89	90	94	91	84	81	92	92	95	89	84	83	85	90	95	100	101	95	81	80	88	88	83	89	97	93	89.5
	MIN	62	48	46	68	75	55	60	60	65	52	50	68	69	72	67	58	52	54	54	62	70	74	70	64	54	60	59	62	64	70	70	61.7
BELVIDERE	MAX	80	85	90	94	92	89	92	93	92	85	84	92	83	91	87	84	89	91	96	97	101	100	85	84	86	87	90	86	86	92	92	89.5
	MIN	58	50	48	67	70	57	69	58	67	60	52	59	63	68	64	50	51	55	58	57	65	70	68	55	54	56	62	69	66	65	69	60.6
BOONTON 2 SE	MAX	80	77	78	84	88	88	83	87	88	90	76	80	84	75	88	81	81	85	89	89	92	96	97	81	80	85	84	85	76	82	91	84.5
	MIN	58	56	45	57	67	56	58	59	66	60	54	56	61	62	63	55	53	57	58	61	65	68	69	59	53	57	58	63	64	66	65	59.6
BRIDGETON 1 NE	MAX	87	80	81	88	95	93		90	91	90	80	84			92	92	85	88	90											87	92	
	MIN	61	56	48	68	75	54		62	68	64	54	67			68	59	58	58	55										59	70	70	
BURLINGTON	MAX	85	83	90	95	95	91	93	92	93	91	84	89	87	93	88	86	89	90	92	96	105	103	98	89	87	88	88	85	90	94	93	91.0
	MIN	65	58	53	68	76	63	64	64	68	67	58	62	69	70	68	60	62	63	61	66	72	79	73	63	62	61	65	66	66	68	69	65.5
CANOE BROOK	MAX	82	77	78	87	91	90	85	89	91	90	83	86	87	86	94	84	86	87	93		99	100	100	80	81	85	88	84	75	87	94	87.3
	MIN	56	46	42	63	72	54	56	56	66	60	48	55	62	66	54	49	51	52	54	60	64	68	71	56	52	56	60	65	65	66	65	58.4
CAPE MAY 3 W	MAX	77				89	88	83	86	86	87	87	85	83	90	88	82	81	85	84		93	95	93	80	79	80		82			83	85.3
	MIN	70				73	68	65	64	63	62	61	68	69	68	69	64	60	61	60		68	73	72	67	58	65		61			68	65.7
CHARLOTTEBURG	MAX	80	76	76	84	84	87	83	85	89	87	75	80	85	73	86		78	83	86	89	95		97	80	80	84	87	85	76	82	91	83.6
	MIN	56	52	38	44	64	55	54	50	64	59	45	53	54	62	61		47	47	50	57	60		67	55	48	53	55	63	65	61	62	55.2
CLAYTON	MAX	82	81	87	94	93	87	89	89	90	87	83	88	89	90	89	86	89	89	90	94	101	99	98	82	85	84	86	82	87	90	92	88.8
	MIN	65	54	52	62	77	54	63	64	64	65	55	66	69	68	68	59	59	61	64	64	69	74	70	64	59	61	63	63	65	68	70	63.8
ELIZABETH	MAX	81	81	90	94	95	89	89	94	89	87	81	88	82	90	86	84	90	91	93	98	102	102	93	84	86	86	85	76	86	93	92	88.9
	MIN	60	54	50	68	75	58	63	62	68	69	59	61	66	69	67	58	57	59	59	64	70	72	72	64	58	61	63	68	68	67	67	63.7
ESSEX FELLS SERV BLDG	MAX	78	76	76	82	88	90	82	88	90	88	79	78	78	79	90	88	80	79	81	86	84	100	98	82	80	82	84	84	80	84	90	84.0
	MIN	58	52	46	58	58	56	52	60	64	56	52	54	53	60	61	63	54	53	56	58	63	68	68	60	56	60	62	61	62	66	68	58.6
FLEMINGTON 1 NE	MAX	84	80	91	95	93	88	90	94	92	87	83	90	85	90	85	83	89	92	95	98	103	104	95	84	89	88	89	85	91	95	95	90.4
	MIN	55	51	41	66	71	53	56	56	67	60	48	58	58	67	64	53	49	52	54	64	66	69	70	58	53	55	59	66	62	63	64	59.0
FREEHOLD	MAX	79	80	87	93	94	90	88	91	89	89	82	84	81	89	85	84	85	90	92	96	101	101	98	83	85	86	84	79	87	93	90	88.2
	MIN	60	53	49	63	68	59	62	61	66	61	53	63	65	63	67	54	56	61	59	65	68	73	72	63	57	60	63	65	65	65	66	62.1
HAMMONTON 2 NNE	MAX	80	82	89	97		88	90	93	89	80	84	89	90	92	91	82	88	90	93	96	103	102	82	83	85	86	88	87	88	94	95	89.2
	MIN	54	51	64	76		63	64	67	64	56	65	69	72	68	57	57	60	59	63	69	75	72	65	57	60	63	62	65	68	67	66	63.9
HIGH POINT PARK	MAX	74	64	69	80	82	80	76	79	82	81	66	73	78	68	81	70	72	78	81	81	86	89	88	73	74	77	78	79	73	80	84	77.3
	MIN	54	45	49	55	62	54	59	59	62	52	49	52	56	58	61	49	52	56	62	62	64	69	63	51	52	56	60	61	62	58	65	57.1
HIGHTSTOWN 1 N	MAX	81	82	88	92	95	89	88	93	90	80	84	87	77	91	87	84	88	90	93	97	103	102	92	81	87	88	86	79	89	94	94	88.7
	MIN	59	50	47	66	74	58	61	59	66	61	54	63	66	69	66	55	53	54	58	62	68	73	70	61	56	60	64	64	66	67	69	61.9
INDIAN MILLS 2 W	MAX	79	80	87	95	93	87	90	92	88	80	81	87	89	90	87	85	87	90	91	95	101	101	88	85	85	84	85	83	88	93	92	88.3
	MIN	59	44	42	63	75	51	58	57	67	50	48	61	65	70	63	49	50	53	52	60	67	73	67	61	51	54	59	59	61	63	66	58.6
JERSEY CITY	MAX	79	79	85	88	91	85	83	89	81	75	78	81	74	88	83	82	83	85	88	97	93	100	79	80	83	78	76	72	83	85	83	83.4
	MIN	63	58	56	68	73	65	67	67	66	64	59	66	67	69	65	59	62	65	68	72	75	78	72	62	61	65	68	69	68	70	70	66.4
LAKEWOOD 2 ENE	MAX	83	83	88	96	98	88	89	89	89	82	85	82	76	89	88	80	83	89	90	99	101	105	74	80	80	86	82	82	84	92	89	87.1
	MIN	55	49	43	65	70	53	58	59	67	55	50	63	64	68	60	51	53	55	54	63	70	73	69	60	55	60	60	67	67	67	63	60.2
LAMBERTVILLE	MAX	82	80	89	94	93	89	88	92	90	90	83	88	88	89	89	83	87	90	92	97	101	100	98	83	85	86	87	85	90	93	93	89.5
	MIN	56	48	45	68	73	55	59	58	68	60	52	62	63	69	65	52	52	55	58	61	66	69	70	58	53	58	62	66	66	67	69	60.7
LAYTON 3 NW	MAX	70	78	87	90	87	83	86	89	96	85	81	86	82	87	85	80	86	87	88	95	97	97	82	80	84	78	88	90	83	87	88	85.9
	MIN	54	42	36	62	67	50	52	50	65	53	46	47	53	64	60	48	45	49	48	54	58	63	65	48	46	48	55	62	62	60	60	53.9
LEESBURG STATE FARM	MAX	81	82	86	91	94	92	93	91	90	90	79	85	88	93	93	84	83	87	85	89	95	98	94	81	80	84	81	78	82	84	85	87.0
	MIN	65	56	47	69	74	54	63	60	64	64	51	70	69	71	65	57	54	55	65	67	70	71	70	64	56	61	60	64	61	69	69	63.1
LITTLE FALLS 1 E	MAX	83	80	81	89	92	92	87	90	93	93	78	84	89	79	91	83	84	87	92	93	98	102	100	83	83	87	88	86	77	86	94	87.9
	MIN	60	52	47	58	68	58	60	60	66	59	52	58	63	65	64	55	54	62	58	65	67	70	69	60	55	60	62	64	66	67	67	61.0
LONG BRANCH	MAX	78	78	86	88	93	84	85	85	84	77	78	80	75	88	83	80	82	86	90	96	93	102	78	80	78	84	78	78	83	90	89	84.2
	MIN	61	54	51	67	71	60	64	63	66	65	55	65	66	67	67	62	58	62	60	65	70	75	68	65	64	62	64	64	69	68	69	64.1
LONG VALLEY	MAX	77	78	85	90	89	84	87	89	87	82	80	85	81	85	82	79	84	89	90	95	98	99	85	80	85	87	85	81	86	94	90	86.1
	MIN	55	46	40	62	60	49	54	56	63	53	47	54	57	62	60	52	48	49	56	56	61	71	66	56	58	52	58	67	67	66	62	56.9
MILLVILLE	MAX	87	81	82	87	95	93	87	90	82	92	80	83	90	91	93	93	86	89	90	90	94	99	100	84	83	85	85	85	86	87	91	88.4
	MIN	64	56	53			59	64	64	68	67	58	67	70	72	68	59	61	63	59	63	68	75	73	65	60	63	63	65	67	69	70	64.6
MOORESTOWN	MAX	80	81	88	93	94	87	89	91	90	78	83	88	83	90	87	84	88	90	91	94	102	101	80	83	85	85	87	87	88	93	92	88.1
	MIN	65	57	49	67	73	59	65	62	68	59	55	65	68	70	67	56	55	57	60	65	70	76	70	63	58	62	64	64	65	67	68	63.5
MORRIS PLAINS	MAX	80	80	85	90	90	90	89	91	91	90	81	85	87	89	89	83	87	90	91	96	98	99	96	80	85	85	85	79	85	94	92	88.1
	MIN	58	52	43	64	68	54	55	56	65	61	48	55	57	66	61	53	52	52	67	62	65	68	69	60	58	55	58	65	63	65	64	59.3
NEWARK WB AIRPORT	MAX	81	81	91	95	95	88	89	94	93	80	84	87	78	91	85	84	85	89	93	98	99	101	83	83	83	87	81	75	87	92	92	87.9
	MIN	64	59	56	70	73	65	68	68	68	66	60	66	66	71	67	61	63	64	66	68	74	76	73	63	64	64	66	70	69	68	70	66.6
NEW BRUNSWICK EXP STA	MAX	82	78	87	91	93	90	86	91	90	90	80	86	85	89	88	83	86	87	91	96	100	102	99	81	83	85	85	81	88	92	91	88.3
	MIN	60	53	49	67	74	59	61	60	66	62	53	62	66	68	67	55	55	60	60	62	70	72	72	63	60	61	64	65	66	67	69	62.8
NEWTON	MAX	81	76	77	86	89	88	84	87	90	89	74	81	85	74	90	81	80	85	90	90	97	98	98	80	80	84	88	88	79	79	90	85.1
	MIN	60	43	40	59	66	58	55	53	67	60	49	50	57	63	64	55	46	49	52	62	64	66	69	56	48	52	58	66	64	65	67	57.5
PATERSON	MAX	85	81	80	88	93	92	88	90	92	90	75	82	88	78	90	85	83	85	89	93	98	101	102	82	83	84					93	87.8
	MIN	62	55	53	65	71	60	64	65	66	63	57	61	63	70	68	59	59	60	62	67	70	75	70	61	59	62	63					63.3
PEMBERTON 3 E	MAX	83	83	89	95	95	89	89	91	91	90	85	88	87	92	88	88	89	91	92	95	103	103	98	86	87	87	86	83	87	92	92	90.1
	MIN	57	48	49	63	68	53	60	57	67	55	48	63	66	63	69	51	51	52	53	59	70	71	69	64	55	58	60	62	64	64	65	59.8
PHILLIPSBURG	MAX	83	79	85	91	86	82	83	92	90	90	80	85	84	86	88	83	83	88	89	90	97	101	98	84	85	86	85	88	85	92	93	87.5
	MIN	60	50	47	64	71	55	38	60	68	61	52	60	58	71	65	55	53	55	57	54	67	69	69	57	55	57	62	69	65	64	67	60.5
PLAINFIELD	MAX	79	80	88	92	93	86	89	92	90	78	81	87	76	88	84	82	85	89	91	96	101	100	80	83	85	87	87	80	88	92	92	87.1
	MIN	59	50	46	66	73	57	59	60	67	58	52	62	66	68	64	56	54	57	56	64	67	70	73	61	56	59	63	67	67	66	67	61.6
PLEASANTVILLE 1 N	MAX	87	80	82	81	92	93	84	88	88	90	80	84	84	83	88	89	81	83	85	95	93	95	100	86	80	80	81	83	82	83	85	86.0
	MIN	61	51	46	62	70	53	59	63	67	66	51	56	58	59	66	55	55	60	50	55	66	73	70	66	56	60	60	67	67	69	68	60.8
RIDGEFIELD	MAX	79	80	88	91	93	88	89	91	88	78	81	88	76	87	84	83	86	90	92	97	98	100	78	83	85	87	87	75	85	91	91	86.7
	MIN	63	53	50	67	76	62	63	63	68	61	55	60	64	66	67	55	56	58	61	67	70	73	72	62	57	63	65	69	69	69	69	63.6

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

NEW JERSEY
JULY 1957

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RUNYON	MAX	67	84	84	92	94	89	89	94	92	85	86	91	89	94	91	88	90	94	94	100	102	106	97	85	67	89	89	86	86	90	94	90.9
	MIN	62	48	43	56	63	64	62	62	67	59	46	58	62	67	67	46	48	55	59	68	66	66	71	60	57	56	57	66	66	62	64	59.8
SANDY HOOK LBSTA	MAX	83	79	82	93	93	92	83	92	67	82	84	84	80	96	90	83	91	90	91	96	96	101	95	82	84	66	82	85	82	91	90	87.9
	MIN	64	58	58	69	75	72	69	66	67	65	61	66	70	72	69	62	66	65	66	71	73	75	71	65	65	66	72	73	68	69	66	67.5
SOMERVILLE	MAX	82	82	91	96	95	69	90	95	93	63	83	89	85	91	88	83	87	91	93	98	103	103	95	85	87	87	88	82	90	96	95	90.2
	MIN	60	49	44	64	74	53	58	59	67	57	51	60	62	68	65	56	53	56	57	60	67	70	72	59	55	57	62	67	67	66	67	60.7
SUSSEX 3 N	MAX	81	77	78	87	91	69	85	88	90	88	75	61	86	74	67	77	78	84	88	89	95	96	97	80	81	83	86	86	78	78	90	84.7
	MIN	57	46	42	48	62	55	55	55	56	58	49	52	57	59	64	50	48	50	54	64	63	60	66	52	49	51	55	61	64	60	65	55.7
TRENTON 2	MAX	60	80	88	93	93	67	90	92	90	80	83	88	81	92	85	85	88	91	93	95	102	102	82	84	65	87	87	82	89	92	94	88.4
	MIN	62	56	53	69	76	62	65	64	69	65	58	66	71	68	69	59	60	60	64	66	71	75	70	63	60	63	68	67	69	69	70	65.4
TRENTON WB CITY	MAX	79	79	67	92	91	85	88	90	90	76	81	87	77	90	64	84	87	90	90	95	100	100	82	82	85	85	84	80	86	90	92	86.8
	MIN	64	57	56	68	73	65	67	67	69	67	60	69	70	69	67	60	63	65	67	69	73	77	70	63	63	64	68	67	68	69	71	66.6
TUCKERTON	MAX	81	82	83	83	94	92	85	88	90	89	83	83	61	88	88	62	81	87	88	93	96	101	90	79	79	62	62	81	83	87	85	86.0
	MIN	60	51	45	65	66	54	60	62	67	63	53	65	68	70	65	53	60	55	55	67	67	74	71	67	56	58	58	68	67	69	70	62.2
WOODSTOWN 5 WSW	MAX	83	80	81	87	94	94	88	89	90	91	79	63	89	91	92	69	85	87	90	91	94	100	102	83	83	87	86	86	85	88	92	88.4
	MIN	64	56	50	60	69	58	65	61	68	64	57	61	69	72	68	59	59	60	58	62	65	72	73	65	60	63	64	62	64	69	70	63.5

Table 6

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
CANOE BROOK	EVAP	.29	.21	.21	.22	.15	.24	.18	.25	.17	.06	.31	.14	.25	.09	.08	.22	.21	.17	.19	.24	.06	.32	.25	.02	.17	.26	.16	.16	*	.17	.18	5.65
	WIND	13	31	25	7	5	6	6	14	4	6	26	5	5	5	10	4	7	5	4	4	3	2	14	3	7	5	4	13	6	5	6	262
PLEASANTVILLE 1 N	EVAP	.33	.35	.32	.26	.16	.38	.21	.29	.35	.24	.35	.37	.15	.10	.20	.17	.40	.27	.26	.25	.19	.37	.29	.14	.23	.22	.13	.26	.24	.22	.23	7.93
	WIND	58	54	48	28	49	38	36	20	32	40	67	33	25	18	20	34	30	49	1	7	41	38	13	34	27	25	24	34	37	47	42	1051

DAILY SOIL TEMPERATURES

Station And Depth		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	86	90	93	94	91	98	87	100	93	91	90	89	79	90	89	94	97	95	96	103	105	105	79	96	100	96	98	83	94	101	93	93.3
	MIN	64	61	60	69	69	64	67	66	71	65	82	67	70	70	67	62	63	65	65	67	72	73	68	64	63	65	67	67	88	69	70	67.2
2 INCHES	MAX	78	77	81	83	83	87	80	87	82	83	80	84	75	84	82	85	87	84	86	90	92	93	79	83	85	82	85	78	83	87	83	83.4
	MIN	67	64	63	69	71	67	69	68	78	69	65	68	71	71	70	66	67	68	68	69	74	75	71	68	67	69	70	70	69	70	71	68.8
4 INCHES	MAX	77	79	79	81	61	63	79	85	61	62	79	62	75	62	81	83	85	82	83	87	89	90	78	81	83	81	82	77	81	84	82	81.7
	MIN	88	65	64	69	72	68	70	69	72	70	65	69	71	71	71	67	68	69	69	70	75	76	73	89	69	70	70	71	70	71	72	69.7
8 INCHES	MAX	73	73	73	75	78	76	75	77	76	76	74	76	74	76	76	76	76	76	77	79	81	82	80	76	77	76	77	75	76	77	77	76.2
	MIN	70	67	67	70	72	71	71	71	72	71	69	70	72	71	72	70	70	71	71	72	75	76	75	72	72	72	72	72	71	72	72	71.3
16 INCHES	MAX	71	70	70	71	72	72	72	72	72	72	72	72	72	72	72	72	73	72	72	74	75	76	76	74	73	73	73	73	72	73	73	72.5
	MIN	70	89	68	69	70	70	70	70	71	71	70	70	71	71	71	70	71	71	71	71	72	74	74	72	72	72	72	72	71	72	72	70.9
32 INCHES	MAX	66	87	87	67	87	67	87	67	68	68	66	88	88	86	68	68	68	68	68	68	68	69	70	70	70	69	69	69	69	69	69	68.2
	MIN	67	67	66	66	66	67	67	67	67	67	67	67	67	67	68	67	68	67	67	67	67	68	69	69	69	69	69	69	68	69	69	67.6

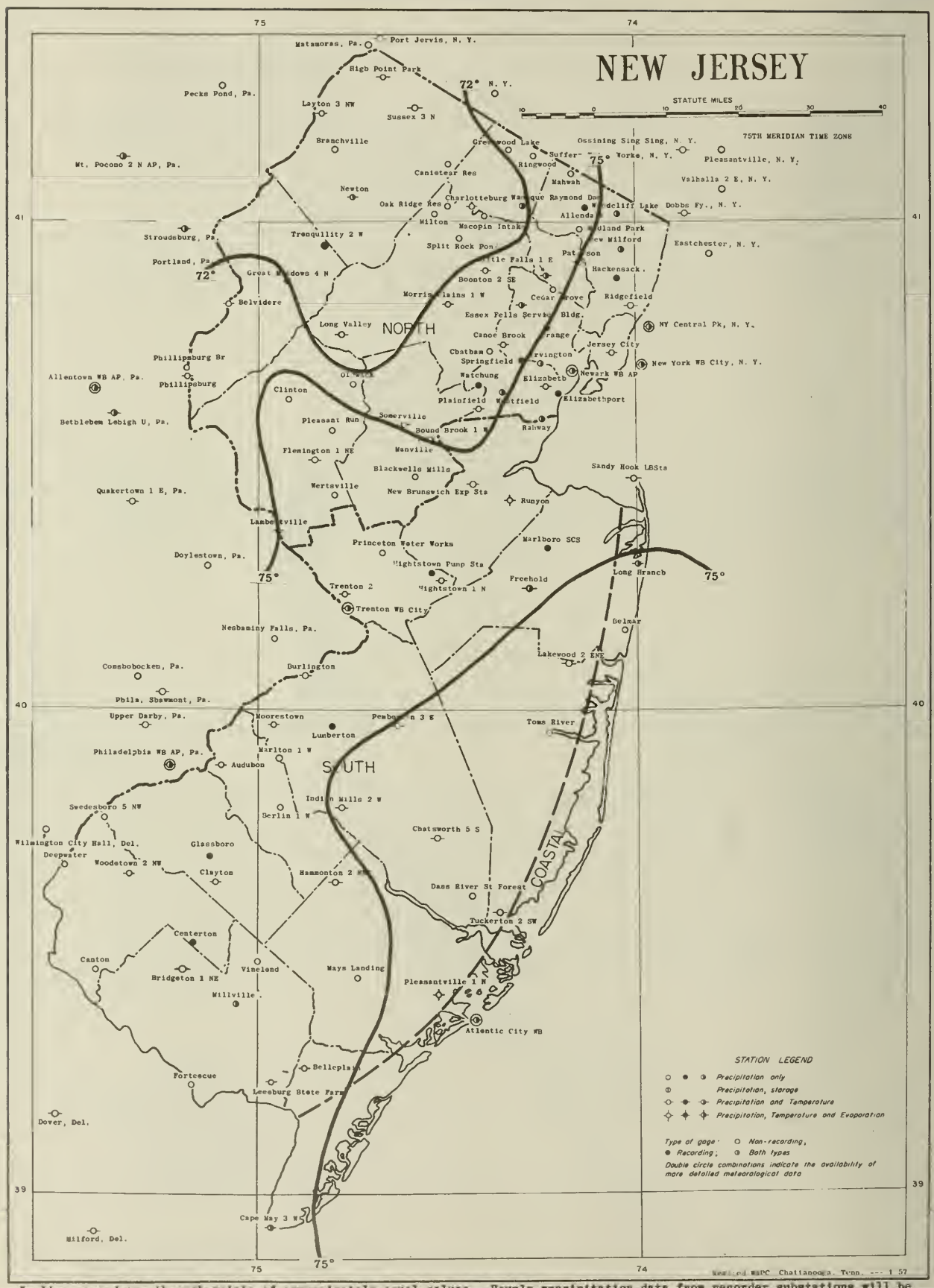
Measured under Kentucky Bluegrass.

See reference notes following Station Index.

TOTAL PRECIPITATION

Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MID	BERGEN COUNTY ENGS	C
#ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0529	BURLINGTON	1	39 37	74 28	20		8P	N.Y. FORESTRY SVC	3 7
BELLEPLAIN	0680	CAPE MAY	1	39 16	74 52	49	5P	5P	MRS. ED C. HOFFNAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P	MISS C. S. NIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A	SAMUEL N. NC CULLEY	3
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 55	27		7A	HENRY N. MILLER	3
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WTR WKS	2 3 5
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 53	20		8A	AMERICAN CYANAMID CO	3
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A	ALBERT N. DAVENPORT	3
BRIDGETON 1 NE	1828	CUMBERLAND	2	39 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CAMDEN BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1345	SALEM	2	39 28	75 25	20		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	NEWEST NAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 15	400		8A	J. A. PLUNKETT	3
CENTERTON	1912	SALEM	8	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 05	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P	WILLIAM S. HAINES	INAC 1/57
CLAYTON	1708	GLOUCESTER	6	39 39	75 08	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	10	40 38	74 35	300		6P	L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COM.	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 5 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A	JOHN LOPER	3
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 59	550		MID	MICHAEL DZYONSKI JR.	C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A	GEORGE T. WIGGINS	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1600	8A	8A	N. J. DEPT. OF CONS.	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN HILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 45	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4427	OCEAN	1	40 06	74 11	54	MID	MID	GEORGE G. WADDILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5 7
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. N. DEPUE	2 3 5 7
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P	LEESBURG STATE FARM	2 3 5
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A	PASSAIC VLY WTR COMM	2 5 5 7 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID	STORM WARN. DSPL STA	2 3 5 7 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 5 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MID	JAMES LAWTON	C
#MACOPIE INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A	NEWARK WATER DEPT	3
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A	ROBERT G. GLASGOW	5
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	MICHAEL L. RADCLIFFE	3
#MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P	DAVID GRISCOM	3
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P	ELMER EARLE	3 7
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		8A	RIDGEWOOD WATER CO.	3
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A	L. J. GALLAHER	2 3 5 7 C
MILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A	M. J. WILLARD	2 3 5 7
MORRIS PLAINS	5760	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTHUR N. AHLQUIST	2 3 5 7 G
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A	DAN A. COUGHLIN	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. OOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5 7
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A	JOHN H. BERRYMAN	3
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID	PRINCETON WATER CO	3
RAHWAY	7393	UNION	9	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 7 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	7860	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. MAYER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A	BRICE B. STANTON	2 3 5
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MID	H. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID	E. H. RISTOW	2 3 5
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P	REV EDWARD D. MEGILL	2 3 5
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A	WATER SUPPLY COMM	3 7 C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MID	BONNIE BURN SAN.	C
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A	ROBERT N. MANNERS	3
#WESTFIELD	9455	UNION	9	40 39	74 21	138		5P	CITY ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 5 WSW	9910	SALEM	2	39 38	75 25	30	7A	7A	RAYMOND L. BLEW, JR.	2 3 5

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are closing or were received too late to be included in this issue.

Divisions, as used in Table 2, become effective with date for September 1958.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 8. Max and Min in Table 8 refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 8 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in the standard of time in local use. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- \- No record in Tables 3, 5, 7 and the Station Index. No record in Tables 2 and 5, is indicated by no entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.
- \+ And also on a later date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- \# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- AS Data based on observational day ending before noon.
- B Adjusted to a full month.
- C Is the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- G In the "Refer to Tables" column in the Station Index the letter "G" indicates that soil temperatures are published.
- H One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this stations, have been adjusted to represent the value for a full month.
- M Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Data".)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, Annual for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWBC., Asheville, N. C. --- 9/3/57 --- 750

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

AUGUST 1957
Volume LXII No. 8

ASHEVILLE: 1957

WEATHER SUMMARY

GENERAL

Cooler and drier than usual were significant features in New Jersey's weather during August.

Temperature averages for all stations having long-term averages showed minus departures which ranged from - 0.1° at Newark WB Airport to - 5.5° at Sussex 3 N. The high reading of 101° on the 3rd at Flemington 1 NE took top honors, while Atlantic City WB reported 86° on the 12th for the lowest maximum reading. The lowest temperature for the month was 34° at Layton 3 NW on the 24th.

The precipitation averages for all stations which have long-term values were deficient, and in a number of instances these deficiencies exceeded three inches and in a few cases they exceeded four inches. Monthly totals ranged from 0.65 inch at Indian Mills 2 W to 3.79 inches at Midland Park, while the greatest measurement on one day was 2.65 inches at Runyon on the 26th. Trenton WB City reported the fourth consecutive dry month, and the second driest August of record, the driest being 0.92 inch in 1869. Also the 30.46 inches of reduced pressure of the 22nd was the highest ever recorded for August.

WEATHER DETAILS

The month began with temperatures averaging above seasonal for the first few days, but the passage of a cold front brought cooler weather on the 5th that continued for the next few days. During the remainder of the month pressure patterns that controlled the State's weather produced daily temperatures that were predominantly cooler than the long-term average. However, there was considerable fluctuation in temperatures and there were several instances when daily values were slightly above long-term averages.

The only precipitation of real significance occurred on the 25th and 26th during the passage of a low pressure system which produced general rains over the State. There were several prior dates on which some precipitation fell and also some thunderstorm activity, but amounts that occurred were mostly in the light category.

WEATHER EFFECTS

During the first decade of the month drought conditions continued statewide. Corn, tomato, potato, and fruit yields were poor to date and prospects were poor. Pastures were mostly dry. Local showers around mid-month helped to start pasture growth and improve prospects of late hay cuttings. Corn which had been damaged at tassel time was not benefited. The harvest of corn damaged by drought was active for use as silage. The peach harvest was near peak, with Elbertas on the market sooner than usual. The cool weather and showers were helpful in starting plantings of fall vegetables. Harvests of cucumbers and market tomatoes continued, with light yield.

Rains on the 25th and 26th came too late to help many crops, such as field corn, peaches, and tomatoes for processing, but were of considerable benefit to fall pastures, hay for late cuttings, for new seedings which survived the drought, late apples, and fall vegetable crops. The rains also permitted plowing for fall grain, cover crops, and emergency pasture crops. As the month came to an end more rain was needed to bring about further recovery of pastures and hayfields, also needed for recently planted pastures and hay seedings, including alfalfa and emergency rye plantings, fall grains, and cover crops. The harvest of lima beans for freezing was active in the south, with fields showing considerable earlier drought damage.

DESTRUCTIVE STORMS

None reported.

FLOODS

None on rivers. According to the U. S. Geological Survey the general storm around the 26th yielded an inch or more of precipitation to most of New Jersey and broke the drought temporarily as far as agriculture was concerned, but did little to improve the seriously deficient streamflow. Runoff was record low for the second consecutive month at the key station, Great Egg Harbor River at Folsom, with 32 years of record, and a new minimum daily flow of 18 cfs occurred on several days. Water level in the key well near Old Bridge declined to within 0.05 ft. of the lowest August level of record.

Franklin W. Long, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

CLIMATOLOGICAL DATA

TABLE 2

NEW JERSEY
AUGUST 1957

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max 90° or Above	Max 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No. of Days: 1.0 or More	5.0 or More	1.00 or More
NORTHERN																								
BELVIDERE		84.8	57.1	71.0	- 1.7	98	3	44	6	8	6	0	0	0	1.28	- 3.88	.71	13	.0	0		3	1	0
BOONTON 2 SE	AM	82.1	55.3	68.7	- 2.1	93	4	44	24	17	4	0	0	0	2.44	- 2.52	1.35	26	.0	0		4	1	1
CANOE BROOK	AM	83.5	54.3	68.9	- 2.2	98	4+	43	6	15	6	0	0	0	2.18	- 3.24	1.22	26	.0	0		3	2	1
CHARLOTTEBURG	AM	81.1	48.3	64.7	- 4.7	94	4	37	24	72	2	0	0	0	2.00	- 2.98	.93	26	.0	0		4	2	0
ELIZABETH		84.5	60.4	72.5	- 1.7	99	3	50	24	0	7	0	0	0	2.97	- 2.04	2.06	26	.0	0		6	1	1
ESSEX FELLS SERV BLDG	AM	81.3	55.8	68.6		98	4	48	6+	18	4	0	0	0	1.35		1.12	26	.0	0		2	1	1
FLEMINGTON 1 NE		86.8	55.6	71.2	- 2.4	101	3	41	24	8	11	0	0	0	1.28	- 4.05	.94	26	.0	0		2	1	0
HIGH POINT PARK		74.5	53.4	64.0		87	4	41	24	71	0	0	0	0	3.69		.90	5	.0	0		9	5	0
† JERSEY CITY		78.7	62.4	70.6	- 3.4	93	3	53	28	5	3	0	0	0	3.07	- 1.43	1.03	25	.0	0		5	2	1
LAMBERTVILLE		85.5	57.6	71.6	- 1.3	96	3	45	23+	5	7	0	0	0	1.98	- 3.40	1.45	26	.0	0		4	1	1
LAYTON 3 NW		82.2	51.1	66.7	- 3.0	93	4	34	24	41	2	0	0	0	1.41	- 3.14	.41	26	.0	0		4	0	0
LITTLE FALLS 1 E	AM	84.9	56.1	70.5	- 2.3	98	4	47	24	3	8	0	0	0	2.38	- 2.89	1.33	26	.0	0		4	1	1
LONG VALLEY		83.1	54.0	68.6		96	3	39	24	33	5	0	0	0	1.54	- 3.77	.65	26	.0	0		4	1	0
MORRIS PLAINS		84.3	55.6	70.0		95	3+	41	24	20	10	0	0	0	1.82		.89	26	.0	0		5	1	0
NEWARK WB AIRPORT	R	82.7	63.2	73.0	- .1	99	3	56	24+	0	4	0	0	0	2.64	- 1.55	1.47	25	.0	0		4	1	1
NEWTON	AM	81.5	51.4	66.5	- 3.7	94	4	40	23+	51	3	0	0	0	1.30	- 3.36	.50	13	.0	0		2	1	0
PATERSON	AM	82.2M	58.0M	70.1M	- 3.5			50	24	2	7	0	0	0	V 5.85	- 3.77	1.75	26	.0	0		4	2	1
PHILLIPSBURG		85.5	58.0	71.8	- .5	94	4	46	23+	2	4	0	0	0	2.22	- 3.09	1.46	26	.0	0		4	1	1
PLAINFIELD		83.3	59.1	71.2	- 1.9	97	3	46	24	5	7	0	0	0	2.93	- 2.47	1.82	26	.0	0		4	1	1
RIDGEFIELD		82.2	59.3	70.8	- 2.2	97	3	50	6+	2	5	0	0	0	3.33	- 1.40	2.01	25	.0	0		4	1	1
SOMERVILLE		86.5	57.8	72.2	- .6	98	3	45	24	2	9	0	0	0	1.30	- 4.11	.54	26	.0	0		5	1	0
SUSSEX 3 N	AM	81.8	49.6	65.7	- 5.5	96	4	40	24	45	2	0	0	0	1.49	- 3.38	.44	26	.0	0		5	0	0
DIVISION				69.4	- 2.7										2.08	- 2.99			.0					
SOUTHERN																								
AUDUBON		85.0	61.9	73.5		98	3	50	24	0	6	0	0	0	1.12		.56	25	.0	0		3	1	0
BELLEPLAIN		83.3	60.1	71.7		97	3	45	24	13	4	0	0	0	3.17	- 2.71	1.01	4	.0	0		7	2	1
BRIDGETON 1 NE	AM	84.3M	59.6M	72.0M	- 2.7	95	4	48	24	1	6	0	0	0	1.90	- 3.20	1.15	26	.0	0		4	1	1
BURLINGTON		86.4	62.2	74.3	- 1.2	97	3	53	24	0	10	0	0	0	1.38	- 3.21	1.12	26	.0	0		2	1	1
CLAYTON		84.0	61.5	72.8		96	3	50	24	0	5	0	0	0	1.71		.67	26	.0	0		3	2	0
FREEHOLD		83.2	59.1	71.2	- 1.9	95	3	47	24	7	4	0	0	0	2.73	- 2.27	1.35	26	.0	0		5	2	1
HAMMONTON 2 NNE	AM	85.9M	60.0M	73.0M	- 1.2	98	4	49	24	0	9	0	0	0	1.82	- 4.13	1.34	26	.0	0		3	1	1
HIGHTSTOWN 1 N		83.8	58.5	71.2	- 1.6	95	3	44	24	7	6	0	0	0	1.39	- 3.38	.87	26	.0	0		3	1	0
INDIAN MILLS 2 W		83.7	56.1	69.9	- 3.0	96	3	38	24	15	5	0	0	0	.65	- 4.96	.24	25	.0	0		3	0	0
† LAKEWOOD 2 ENE		80.5	55.9	68.2	- 4.3	98	3	45	14+	28	3	0	0	0	2.94	- 2.20	1.61	15	.0	0		4	3	1
LEESBURG STATE FARM		82.2	60.3	71.3		91	2+	48	24	2	4	0	0	0	2.83		1.02	4	.0	0		7	2	1
MILLVILLE	AM	83.9	61.7M	72.8M		94	4	51	24	2	5	0	0	0	2.15		.68	25	.0	0		5	2	0
MOORESTOWN		83.5	59.6	71.6	- 1.5	96	3	47	24	1	3	0	0	0	1.13	- 3.80	.94	26	.0	0		1	1	0
NEW BRUNSWICK EXP STA		83.2	59.9	71.6	- 1.5	94	3	48	24	4	5	0	0	0	3.66	- 1.12	1.33	26	.0	0		6	3	1
PEMBERTON 3 E		84.1	57.0	70.6	- 3.4	95	3	42	24	9	3	0	0	0	2.79	- 2.14	1.48	1	.0	0		5	2	1
PLEASANTVILLE 1 N	AM	80.5	58.4	69.5	- 3.4	91	4	48	24	13	2	0	0	0	2.77	- 3.06	.75	5	.0	0		6	2	0
RUNYON		84.9	56.6	70.8	- 1.7	95	9	35	24	18	5	0	0	0	3.19	- 1.22	2.65	26	.0	0		4	1	1
TRENTON 2		83.8	61.9	72.9		96	3	51	24	0	6	0	0	0	1.43	- 4.16	1.15	25	.0	0		3	1	1
TRENTON WB CITY	R	81.8	62.4	72.1	- 1.1	95	3	53	24	0	3	0	0	0	1.10	- 3.49	.95	25	.0	0		1	1	0
TUCKERTON		81.1M	59.9M	70.5M		90	3	46	24	11	1	0	0	0	3.12		1.30	22	.0	0		7	2	1
WOODSTOWN 5 WSW	AM	84.4	60.0	72.2		97	4	49	24	0	6	0	0	0	1.65		1.16	26	.0	0		3	1	1
DIVISION				71.8	- 1.7										2.08	- 3.12			.0					
COASTAL																								
ATLANTIC CITY WB	R	75.8	65.3	70.6	- 2.5	86	12	56	6	1	0	0	0	0	3.38	- 1.34	.84	4	.0	0		5	4	0
CAPE MAY 3 W		81.4M	64.8M	73.1M				48	24	0	1	0	0	0	2.16		.92	19	.0	0		4	2	0
LONG BRANCH		79.1	60.6	69.9	- 2.9	95	3	49	24	6	1	0	0	0	2.82	- 2.55	1.34	4	.0	0		5	2	1
SANDY HOOK LBSTA		82.4	64.3	73.4	- .7	92	3+	58	28+	0	6	0	0	0	1.61	- 2.94	1.08	25	.0	0		2	1	1
DIVISION				71.8	- 1.8										2.49	- 2.42			.0					

† DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
AUGUST 1957

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
ATLANTIC CITY WB R	5.38				.84	T				T	.04		.08			.54				.73	.01		.01		T	.38	.75					
AUDUBON	1.12				.14					T	T					T				T		T				.56	.42					
BASS RIVER ST FOREST	1.89	.20			.40	T										.05					.01		.35				.88					
BELLEPLAIN	5.17				1.01	.18				.02	.04		.16							.32	.84					.48	.12					
BELMAR	2.82				.97	T					.13					1.05	T	T		T	.15					.54	T					
BELVIDERE	1.28					T						.08		.71													.11	.40			T	
BERLIN 1 W	1.20					.47																				T	.73					
BLACKWELLS MILLS	1.67					.07						.17		.07			.27				.13	.07					.77	.00			.03	
BOONTON 2 SE	2.44				.40	.06						.03		.24						T			.30				1.35	.02		.04		
BOUND BROOK 1 W	2.77					.30						.10		.16			1.09					T	.02				.67	.38			.05	
BRANCHVILLE	1.14				.96	.05		.04				.04		.44			.04						.02				.45				.02	
BRIDGETON 1 NE	1.90					.18						.08		.19			.07				.23						1.15	.02				
BURLINGTON	1.38					.05				.01																.20	1.12					
CANISTEAR RESERVOIR	1.43				.02	.01		.63				.06		.53			T			.00			.12				.48	.04			.05	
CANOE BROOK	2.18					.05						.14		.56			.06					.03	.05			T	1.22	.01			.04	
CANTON	2.05					.47					.06		T				.55				.13						.84					
CAPE MAY 3 W	2.16				.04							.08				.54				.92	.18		.02			.38						
CEDAR GROVE	3.35					.10						.17		.34			.16				.13	.12					2.30				.03	
CHARLOTTEBURG	2.00				.05	.04		.07				.07		.57									.12				.03	.11			.04	
CHATHAM	2.18					.02						T		.49			.06						.02				1.58	T			.01	
CLAYTON	1.71				.55	.65				T	.04		T								.02					.58	.67					T
CLINTON	1.70				.04	.08		.61			.07		.23										.08			.06	1.10				.05	
DEEPWATER	1.45				.18						.07									.04						1.14						
ELIZABETH	2.07				.10	.13		.01		.01	.06		.22			.12				.01				.01		.21	2.06				.03	
ELIZABETHPORT	2.43				.50						.04		.21			T										1.25	.63					
ESSEX FELLS SERV BLDG	1.38					.02								.21													1.12				T	
FLEMINGTON 1 NE	1.28				.06			T			.06		.10			.04				T	T					.05	.04			T	.03	
FORTESCUE	2.18					.03															.45					.15	.65					
FREEHOLD	2.75				.72	.05					.02					.10	.13			T	.01					.35	1.35					
GREENWOOD LAKE	1.89				.02	.05						.04		.23									.58				.05				.02	
HAMMONTON 2 NNE	1.82					.20						.01														.25	1.34	.02				
HIGH POINT PARK	5.69	T	T	T	.50	.90					.10		.50	.20		.01	.11						.70				.52				.15	
HIGHTSTOWN 1 N	1.50				.21	.10				T	.02		T			.03					.01					.06	.87			T		
INDIAN MILLS 2 W	.65				.20	T				.01	.01					.01							T			.24	.18					
IRVINGTON	5.09				.34						.07		.55			.05					T	.08				1.67	.33					
JERSEY CITY	5.07				.42						.09			.54		.18					.01					1.03	.95				.05	
LAKEWOOD 2 ENE	2.94				.52						.05					1.61	T			.10					T	.60	.01				.05	
LAMBERTVILLE	1.08				.02	.05					.06					.11	.12				.02					.14	1.45				.03	
LAYTON 3 NW	1.41				.15			.40			.02		.22			.02	.05					.03	.05			.05	.41				.01	
LEESBURG STATE FARM	2.85				1.02	.17					T	.02	.14							.26	.60					.30	.32					
LITTLE FALLS 1 E	2.38				.05	.05						.06		.42			.24					.03	.21				1.33			.01		
LONG BRANCH	2.82				1.34						.05		T			.19				T	.20					.21	.83				T	
LONG VALLEY	1.54				.06						.06		.48													.18	.65				.11	
MACDPIN INTAKE	2.25				.18	.02		.09			.02	.03	.43	.17									.34				.88	.04			.03	
MAHWAH	2.24					.17						.02		.16							.12		.14				1.47	.15			.03	
MANVILLE	3.55				.33						.37		.18			1.13					T	.02				.50	.65	T			.35	
MARLTON 1 W	1.16				.21					.01	.02					.04										.22	.66					
MAYS LANDING	1.57				.37	.10							.34							.12	.13					.20	.31					
MIDLAND PARK	5.79				*	.26		T				.05		.47						.02			.70				1.08	.16			.06	
MILLVILLE	2.18				.42	.51					.02		.24							.22			.06			.68						
MILTON	1.07				.12	.05		.03						.72									.05				.93	.02			.03	.02
MOORESTOWN	1.13	.04				.03					.01	T											.02			.05	.04	.04				
MORRIS PLAINS	1.82				.20	.02		T			.16	.02	.20							.02	.02		.04			.12	.80				.04	
NEWARK WB AIRPORT R	2.64				.32						.08		.44			.22					.03	T				1.47	.07				.01	
NEW BRUNSWICK EXP STA	3.66				.51					T	.15		.12			.00					.77					.08	1.33				T	
NEW MILFORD	3.68				.24								.62			.06						.34				1.16	1.26					
NEWTON	1.30				.08	.09					.03	.05		.50						.01							.45	.05			.04	
OAK RIDGE RESERVOIR	2.04				.05	.07		.08				.11		.65									.14				.89				.05	
OLDWICK	.84					.05					.01	.12		.14						.01		.03	.06				.34				.08	
ORANGE	2.63																				.37		.12				2.14					
PATERSON Y	5.85				.08			.02			.07	.01	T	.48			.07			T			.25				1.75				.06	
PEMBERTON 3 E	2.79	1.48			.07	.10					.05					.16										.42	.53					
PHILLIPSBURG	2.22				.10	T				T	T		.20			T					T					T	1.46				.28	
PHILLIPSBURG BRIDGE	1.78				.08					.30	.35											.05					.97	T			.03	
PLAINFIELD	2.03				.08				T		.06		.21			.36				.25	.01		T			.00	1.82				.05	
PLEASANT RUN	1.57					.07					.04	.15		.10			.02				.02	.12	.02				.89	.02			.12	
PLEASANTVILLE 1 N	2.77	.43				.75						.02		.12			.04				.47			.03		.24	.66	.01				
PRINCETON WATER WORKS	2.02				.56											.83					.04					.46	.13					
RAHWAY	2.27				.40		.01				.12		.23			.35					.13					.60	.31				.03	
RIDGEFIELD	3.33				.35	T	T				.09		.45			.03						.04				2.01	.34				.02	
RINGWOOD	1.61				T	.25					T	.02	.10							.22			.36			.02	.55				.04	
RUNYON	3.10				.06	.14					.11		.05								.04					.14	2.65					
SANDY HOOK LBSTA	1.61				.20	.09					.05		.08			.04					.03		.03			1.08					.01	
SOMERVILLE	1.30				.20						.10		.16			.13							.04			.09	.54				.04	
SPLIT ROCK POND	2.20				.16	.09						.11		.41									.44				.06				.03	
SUSSEX 3 N	1.40				.06	.17		T				.05		.12		.01					T		.08				.44	.10			.37	
SWEDESBORO 5 NW	2.05				.02	.12				T	T										.04		.03			T	1.83	.01				
TOMS RIVER	1.53				.90																					.60				.03		
TRENTON 2	1.43				.11						.03		T			.02				T	.01					1.15	.10				.01	
TRENTON WB CITY R	1.10				.05						.02					.01				T	.01					.95	.06				T	
TUCKERTON	3.12	.12			.20	.10										.40							1.30			.70	.30					
VINELAND	1.38					.27						T		.06			.02				.23					.26	.54					
WANAQUE RAYMOND DAM	1.73				.20	.02		.01						.24			.03				.10		.54				.57				.02	
WERTSVILLE	1.46				.07	.06						.12					.06					.06					1.07	.01			.01	
WESTFIELD	3.02			T	.28	.02	.01				.06		.28			.04				T	T	.24				1.01	1.08					
WOODCLIFF LAKE	2.82				.18								.38			.06						.40				1.08	.72					
WOODSTOWN 5 WSW	1.65	.18				.23															.08						1.16					

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed: Fastest mile	Wind speed: Direction of fastest mile	Wind speed: Date of fastest mile	Relative humidity averages - percent: 1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Number of days with precipitation: Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB	-	-	13.2	59	W	4	-	-	-	-	3	4	1	4	0	0	12	69	5.6
LONG BRANCH	S	16	11.0	36	SW	15	-	76	566	61	3	1	3	1	1	0	9	71	5.5
NEWARK WB AIRPORT	NNE	13	9.1	29++	NNW	12	71	72	47	56	1	4	3	0	1	0	9	-	5.9
TRENTON WB CITY	-	-	7.5	25	N	12	-	-	-	-	2	5	0	1	0	0	6	58	5.9

6 12:00 Noon

See Reference Notes Following Station Index

Table 5

DAILY TEMPERATURES

NEW JERSEY
AUGUST 1957

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	85	79	79	75	78	74	75	77	80	79	76	86	69	75	76	77	74	76	70	73	76	72	70	73	72	77	82	70	72	76	78	75.8
	MIN	71	68	72	69	63	56	63	65	70	69	65	67	61	63	68	68	64	66	64	64	63	65	60	60	66	69	68	58	60	69	70	65.3
AUDUBON	MAX	91	92	98	87	83	82	84	91	85	82	94	89	81	88	91	89	85	84	74	85	88	78	83	82	75	75	89	78	80	85	87	85.0
	MIN	65	62	66	74	68	56	55	59	69	69	61	69	56	55	66	72	60	57	61	61	57	60	54	50	65	67	63	55	54	66	68	61.9
BELLEPLAIN	MAX	95	92	97	84	85	81	82	84	88	81	89	85	82	86	84	93	80	85	78	79	83	82	70	70	72	78	85	83	76	86	85	83.3
	MIN	67	60	67	70	65	49	49	52	67	71	61	68	56	56	67	68	54	51	60	58	56	59	50	45	65	67	63	54	51	69	67	60.1
BELVIDERE	MAX	89	91	98	92	79	80	83	91	90	84	92	83	80	85	88	86	84	82	80	83	87	85	85	86	74	79	86	78	78	83	88	84.8
	MIN	60	56	69	72	63	44	52	51	64	68	56	60	48	52	67	64	51	50	62	54	50	54	48	46	64	64	60	46	50	63	63	57.1
BOONTON 2 SE	MAX	91	87	89	93	83	79	78	81	88	90	77	90	82	78	83	89	84	80	80	79	81	85	77	80	80	71	78	83	75	73	80	82.1
	MIN	66	57	58	69	63	48	49	49	54	69	57	60	45	47	53	62	56	55	59	54	52	57	46	44	48	64	61	47	49	53	62	55.3
BRIDGETON 1 NE	MAX	92	92	91	95	84	84	81	83	88		82	90	89	80	83	85	92		84	68	81	88	77	82		81	77	87	79	80	86	84.3
	MIN	67	62	65	75	66	51	53	54	56		62	62	56	52	67	66	62		54	59	57	59	52	48		62	63	55	54	61	69	59.6
BURLINGTON	MAX	90	95	97	91	86	83	85	91	90	84	93	91	91	87	91	89	86	84	77	85	87	84	81	82	77	75	89	85	79	85	88	86.4
	MIN	69	65	66	75	67	54	56	60	60	66	64	64	56	55	65	70	60	58	64	63	59	62	56	53	67	67	64	55	56	64	69	62.2
CANOE BROOK	MAX	91	89	90	98	85	80	80	82	90	90	84	98	82	82	89	88	84	85	84	76	82	85	76	80	84	70	77	86	74	74	74	83.5
	MIN	61	54	58	73	64	43	48	48	60	67	58	58	45	47	57	52	47	48	61	52	49	56	48	46	49	65	58	45	50	54	61	54.3
CAPE MAY 3 W	MAX	86	86	86	86	82	79			83	80	82	86	79	80	83		86	81	78	76	82	77	76		76		84	81	76	83	82	81.4
	MIN	69	67	70	72	71	60			61	72	67	70	60	64	69		64	58	62	62	68	62	58		56		68	58	60	67	69	64.8
CHARLOTTEBURG	MAX	89	85	88	94	80	77	76	80	88	89	75	90	80	80	81	86	84	80	80	78	80	85	74	79	80	70	80	82	74	70	79	81.1
	MIN	57	50	53	56	60	42	43	42	46	63	50	54	39	40	46	59	47	41	51	48	45	49	39	37	40	63	55	39	41	47	56	48.3
CLAYTON	MAX	90	90	96	93	82	80	83	88	84	83	90	89	83	85	87	89	84	83	73	82	87	77	82	80	74	76	86	78	80	85	86	84.0
	MIN	68	62	60	65	67	52	55	58	68	72	62	68	55	54	68	72	61	58	60	59	58	60	53	50	65	67	64	54	55	66	69	61.5
ELIZABETH	MAX	92	93	99	93	83	80	86	92	94	86	93	83	80	84	88	84	84	81	76	84	87	80	83	80	70	74	88	82	75	80	87	84.5
	MIN	66	62	64	74	64	51	54	56	66	71	62	63	52	52	66	66	54	55	66	61	55	61	51	50	66	66	62	55	54	63	65	60.4
ESSEX FELLS SERV BLDG	MAX	90	89	89	98	84	78	80	82	88	88	78	90	82	78	90	85	74	80	84	76	78	72	69	76	74	78	79	82	72	78	78	81.3
	MIN	64	60	58	65	61	48	50	52	56	62	60	66	50	55	60	50	52	58	54	57	59	58	50	48	50	52	60	50	52	54	58	55.8
FLEMINGTON 1 NE	MAX	91	92	101	95	85	81	85	92	92	89	95	92	83	88	91	90	85	85	80	86	90	85	86	83	75	80	87	78	78	83	87	86.8
	MIN	62	53	62	72	65	49	47	48	65	69	55	58	44	45	62	62	48	48	58	54	48	56	43	41	63	65	62	48	47	62	63	55.6
FREEHOLD	MAX	89	92	95	90	82	79	82	87	89	86	90	85	82	84	88	83	82	80	75	83	85	78	78	79	73	75	87	83	75	80	84	83.2
	MIN	65	60	64	69	64	48	54	56	65	70	60	65	52	52	64	67	55	52	59	60	55	60	48	47	65	66	62	53	50	62	63	59.1
HAMMONTON 2 NNE	MAX	95	94	92	98	82	84	83	86	92	87	84	95	92	82	87	88	92		87	70	85	90	77	84	84	75	75	88	80	82	86	85.9
	MIN	66	62	65	73	65	52	54	54	64	70	62	67	54	51	62	71	59		53	59	58	60	52	49	56	66	64	52	53	60	66	60.0
HIGH POINT PARK	MAX	81	77	81	87	74	68	69	71	79	80	71	82	73	70	74	79	80	72	74	74	76	77	70	76	77	63	74	74	68	65	73	74.5
	MIN	60	55	62	66	55	45	46	53	57	62	59	58	44	49	53	58	48	53	58	53	47	52	43	41	55	58	58	44	51	56	55	53.4
HIGHTSTOWN 1 N	MAX	91	93	95	85	83	81	85	90	91	82	92	86	80	86	88	85	85	82	75	85	84	79	79	80	73	76	88	76	76	80	86	83.8
	MIN	65	58	63	73	63	49	51	52	66	69	58	63	51	49	66	70	53	49	59	61	52	60	49	44	64	67	63	52	49	62	64	58.5
INDIAN MILLS 2 W	MAX	90	92	96	80	81	81	84	90	87	78	92	89	80	86	89	89	85	81	70	84	88	77	81	80	75	72	87	79	81	85	87	83.7
	MIN	60	52	61	71	63	41	45	49	65	68	59	65	51	45	64	68	51	49	59	57	48	59	43	38	64	67	60	51	45	60	64	56.1
JERSEY CITY	MAX	89	90	93	80	78	78	80	81	90	76	81	83	76	73	81	81	76	75	72	80	79	74	75	72	70	75	85	71	70	76	82	78.7
	MIN	71	66	69	73	65	54	57	59	71	70	63	63	56	60	65	67	59	59	67	58	60	60	55	55	65	66	62	53	57	63	65	62.4
LAKEWOOD 2 ENE	MAX	90	86	98	82	85	78	79	85	93	77	84	88	75	80	86	78	77	78	74	79	81	73	74	74	71	78	89	71	73	77	81	80.5
	MIN	62	59	63	70	55	49	49	48	63	64	58	57	50	45	65	54	51	48	58	58	54	57	47	45	65	65	58	49	46	61	60	55.9
LAMBERTVILLE	MAX	91	91	96	95	85	80	84	89	90	88	93	91	83	84	89	86	84	82	77	84	88	84	83	81	77	77	86	83	78	83	86	85.5
	MIN	64	56	60	74	65	47	49	51	65	70	57	62	47	49	66	67	51	52	60	56	51	59	45	45	64	66	62	48	50	63	66	57.6
LAYTON 3 NW	MAX	88	88	92	93	78	75	85	86	88	83	81	80	79	81	85	83	80	81	81	79	85	80	84	84	73	80	83	76	74	80	83	82.2
	MIN	58	51	52	63	57	48	45	43	55	60	53	62	40	40	64	60	40	50	59	58	40	45	41	34	59	60	54	46	40	57	50	51.1
LEESBURG STATE FARM	MAX	89	91	90	90	87	79	78	83	83	80	81	82	81	81	82	91	79	79	78	78	81	81	77	79	78	76	83	83	78	85	85	82.2
	MIN	68	68	61	69	65	51	56	54	66	71	60	70	55	51	70	66	58	53	62	59	59	59	51	48	61	67	64	54	52	60	62	60.3
LITTLE FALLS 1 E	MAX	95	92	93	98	85	81	80	84	90	93	78	93	85	81	85	90	86	85	82	79	82	88	79	82	80	72	82	87	76	82	87	84.9
	MIN	63	58	60	62	64	48	52	52	65	69	59	62	49	51	60	65	51	52	59	56	52	59	49	47	49	55	59	49	51	57	54	56.1
LONG BRANCH	MAX	87	86	95	82	78	77	78	83	89	77	82	83	74	76	83	80	77	77	75	80	77	72	73	74	73	77	85	70	73	78	81	79.1
	MIN	66	63	65	70	64	52	54	55	66	67	63	66	60	53	65	67	59	55	60	60	57	64	57	49	56	66	63	58	52	62	66	60.6
LONG VALLEY	MAX	88	90	96	90	79	78	87	89	90	85	92	85	75	84	87	84	81	80	78	82	85	80	82	78	74	78	85	76	74	80	83	83.1
	MIN	62	52	54	70	63	46	44	54	62	65	63	56	45	45	62	60	46	45	61	52	47	52	40	39	60	64	58	45	40	60	62	54.0
MILLVILLE	MAX	93	92	91	94	86	83	81	83	88	85	84	88	87	80	83	85	90	86	83	67	80	87	77	82	82	74	77	87	79	80	87	83.9
	MIN	70	65	66	76	66	54	58	60	65	68		60	58	55	62	69	62	57	62	59	59	60	52	51	66	67	65	56	54	60	68	61.7
MOORESTOWN	MAX	88	90	96	84	82	81	85	89	85	78	92	86	79	86	89	88	85	84	73	84	87	77	82	80	73	74	85	77	80	83	87	83.5
	MIN	64	59	67	73	61	53	51	55	67	66	60	65	53	51	64	68	55	54	61	60	54	62	50	47	65	67	63	53	51	64	64	59.6
MORRIS PLAINS	MAX	92	91	95	95	81	79	83	90	90	90	91	90	82	81	90	88	85	82	78	82	84	83	79	79	72	78	84	83	71	81	84	84.3
	MIN	61	58	57	71	63	48	46	48	64	67	59	58	44	46	63	62	55	46	57	55	52	58	43	41	61	64	59	51	47	59	62	55.6
NEWARK WB AIRPORT	MAX	90	93	99	85	81	81	85	87	93	81	87	85	80	83	85	84	80	79	77	82	84	77	77	76	72	80	87	74	74	80	85	82.7
	MIN	71	68	68	74	60	58	59	60	70	69	65	63	57	58	67	69	60	59	66	62	61	62	57	56	66	67	62	56	57	65	68	63.2
NEW BRUNSWICK EXP STA	MAX	89	90	94	92	83	79	82	89	90	89	89	91	83	83	86	82	84	81	75	81	82	80	77	75	73	75	85	84	75	79	83	83.2
	MIN	68	61	63	73	65	50	53	56	66	70	60	65	52	51	66	68	54	54	62	60	55	60	54	48	64	66	63	52	52	61	64	59.9
NEWTON	MAX	89	85	85	94	82	75	78	80	88	90	78	91	80	77	83	86	82	79	80	79	81	86	76	82	82	70	79	83	72	74	79	81.5
	MIN	60	51	55	67	62	41	44	46	58	60	51	56	42	45	57	61	49	43	54	49	45	53	40	40	51	62	57	40	44	51	59	51.4
PATERSON	MAX						76	81	85	91	94	85	94	83	79	80	88	85	84	82	79	83	86	77	80	80	71	78	87	75	75	80	82.2
	MIN						52	55	57	65	71	60	65	51	53	61	65	54	54	64	56	56	59	51	50	58	63	63	52	54	56	64	58.0
PEMBERTON 3 E	MAX	89	90	95	84	83	81	83	89	87	84	91	87	80	86	89	86	83	83	78	83	87	81	80	80	74	74	87	85	78	84	87	84.1
	MIN	62	58	61	72	61	46	48	50	63	68	58	62	50	47	64	68	51	51	60	58	49	61	46	42	63	68	61	51	47	60	62	57.0
PHILLIPSBURG	MAX	93	89	93	94	85	79	80	88	88	85	88	85	91	83	86	88	85	84	82	84	87	87	83	85	85	84	84	83	78	80	86	85.5
	MIN	64	59	68	73	63	49	51	50	65	69	61	60	47	53	66	64	59	50	63	55	50	56	46	46	63	64	61	48	50	62	62	58.0
PLAINFIELD	MAX	91	92	97	86	82	80	84	90	91	80	93	84	79	85	90	85	84	78	75	83	85	78	80	80	71	76	86	78	74	80	85	83.3
	MIN	65	66	61	72	66	51	51	53	66	70	59	62	49	50	67	66	53	54	63	60	52	59	51	46	64	65	62	52	52	62	63	59.1
PLEASANTVILLE 1 N	MAX	88	90	86	91	86	81	76	80	83	83	79	89	81	74	78	85	86	78	80	68	77	83	73	75	77	73	78	87	73	75	82	80.5
	MIN	66	60	63	71	65	49	55	52	64	64	61	64	55	49	62	70	58	50	58	60	57	58	51	48	53	66	54	54	52	55	65	58.4
RIDGEFIELD	MAX	90	90	97	81	80	78	81	89	91	76	90	83	77	77	86	85	83	82	77	81	87	79	83	81	71	75	86	77	76	79	81	82.2
	MIN	66	61	64	74	58	50	55	55	67	67	60	60	53	53	66	62	54	56	66	59	54	60	52	50	56	66	61	53	53	64	64	59.3

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RUNYON	MAX	88	88	92	88	85	85	85	92	95	86	94	B4	80	88	92	87	87	83	78	84	79	84	81	79	75	74	88	82	79	81	88	84.9
	MIN	60	52	62	68	61	40	45	54	70	68	64	60	58	50	66	67	48	42	59	57	54	60	37	35	67	62	60	51	59	60	60	56.6
SANDY HOOK LBSTA	MAX	90	90	92	92	89	81	81	86	92	90	85	82	84	78	84	80	79	80	76	80	80	77	76	76	74	75	86	83	73	78	85	82.4
	MIN	69	67	68	72	67	59	61	61	70	74	66	65	59	59	67	69	64	62	65	63	62	62	61	60	59	66	66	58	58	64	70	64.3
SOMERVILLE	MAX	93	95	98	96	84	83	88	92	93	83	96	91	82	85	91	87	85	82	84	87	88	79	82	62	74	79	88	79	85	83	88	86.5
	MIN	65	58	66	72	64	46	49	50	66	70	65	61	46	48	64	64	51	51	62	57	51	59	49	45	63	63	62	50	49	62	64	57.8
SUSSEX 3 N	MAX	67	84	87	96	80	75	78	80	68	88	78	91	81	78	82	87	84	80	80	80	82	87	80	83	82	69	81	82	76	71	80	81.8
	MIN	60	52	55	57	58	42	46	46	50	63	52	55	43	45	48	59	50	45	47	49	46	46	43	40	42	60	55	42	42	46	55	49.6
TRENTON 2	MAX	91	91	96	84	82	80	83	90	91	78	92	85	79	86	88	88	84	84	75	84	87	79	81	81	74	76	88	76	76	82	86	83.8
	MIN	69	64	66	73	66	52	55	58	70	69	62	68	54	55	68	71	56	56	62	62	59	61	54	51	65	67	65	53	54	65	67	61.9
TRENTON W8 CITY	MAX	89	90	95	84	80	79	82	89	88	77	90	84	79	83	87	84	82	80	73	82	83	75	78	77	72	75	85	75	75	81	84	81.8
	MIN	70	66	68	70	60	54	58	61	71	69	64	63	55	59	67	69	60	58	63	62	61	61	55	53	65	67	61	54	56	66	68	62.4
TUCKERTON	MAX	87	85	90	84	B1	60	79	62	86	85	83	87	78	80	85	82	80	78	75	78	82	78	73	74	72	76	86	83	82	82		81.1
	MIN	65	59	64	72	64	47	53	61	66	68	61	68	56	57	69	71	56	49	58	62	55	61	49	46	65	66	63	50	52	64		59.9
WOODSTOWN 5 WSW	MAX	92	92	93	97	84	84	62	86	64	85	83	91	82	82	B6	89	91	84	85	72	82	68	80	84	81	74	76	87	74	80	87	84.4
	MIN	68	63	65	65	67	53	53	58	62	68	59	61	58	54	59	70	61	57	60	62	58	58	54	49	52	66	64	54	57	58	68	60.0

Table 6

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
CANOE BROOK	EVAP	.15	.23	.20	*	*	.59	.10	.24	.17	*	*	.43	.21	.15	.12	.09	.13	.20	.10	.13	.10	.17	.15	.26	-	-	-	.23	*	*	.22	B4.64
	WIND	5	16	0	16	6	20	2	16	4	6	2	3	11	6	4	2	2	2	1	2	3	11	12	9	10	6	3	13	4	3	2	202
PLEASANTVILLE 1 N	EVAP	.36	.25	.26	.21	.14	.25	.21	.06	.34	.11	-	.20	.15	.21	.21	.12	.16	.16	-	.11	.22	.05	.06	.23	.09	-	-	.19	.05	.20	.12	B5.49
	WIND	26	12	63	9	16	35	15	31	23	6	12	20	36	23	39	22	31	10	16	39	17	11	26	24	22	29	33	16	23	16	17	726

DAILY SOIL TEMPERATURES

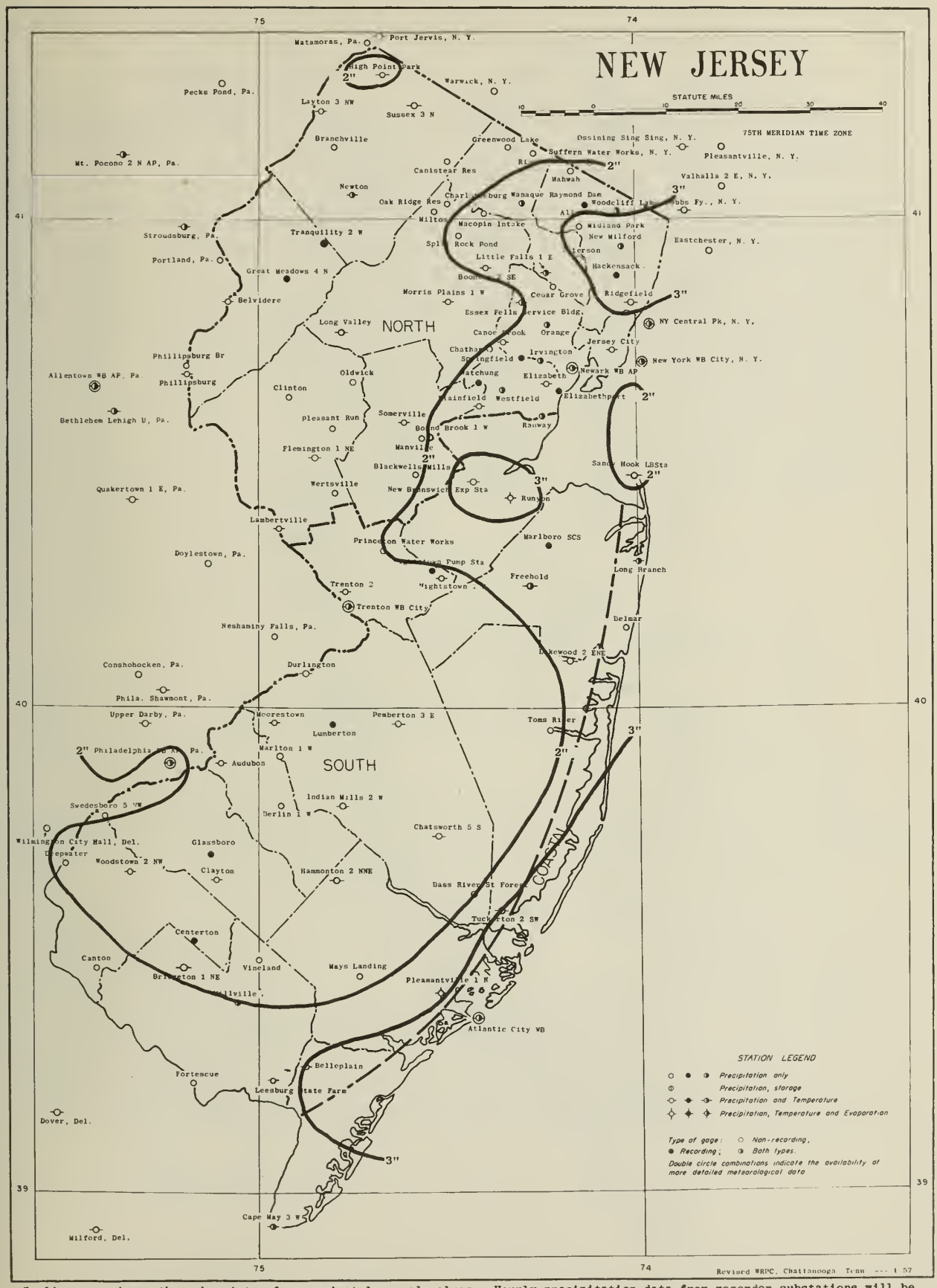
Station And Depth		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	95	96	96	62	67	93	94	100	97	92	96	65	93	90	95	65	66	62	75	61	64	60	61	60	71	73	60	76	72	75	61	65.2
	MIN	70	67	69	73	64	60	62	62	69	67	64	64	59	59	66	66	63	62	65	65	63	62	61	59	67	66	66	62	61	65	67	64.6
2 INCHES	MAX	65	65	65	79	60	60	60	65	63	70	64	60	61	60	62	79	60	75	76	75	77	75	74	72	70	71	75	72	69	72	75	77.6
	MIN	71	69	71	74	67	64	65	65	71	70	66	66	62	64	69	70	66	65	67	66	65	66	64	62	66	69	67	64	63	65	67	66.6
4 INCHES	MAX	63	63	63	79	79	79	79	63	62	71	62	79	60	79	60	76	76	74	72	74	75	74	74	72	70	71	74	72	69	71	74	76.6
	MIN	72	70	72	75	69	65	66	66	72	70	67	69	64	65	70	71	67	66	66	66	65	67	64	63	69	69	66	65	63	65	66	67.7
6 INCHES	MAX	76	76	79	77	76	74	74	77	77	75	76	75	74	74	75	75	74	72	71	71	72	72	71	70	69	69	72	71	66	69	71	73.5
	MIN	73	72	73	75	73	66	69	70	73	72	70	72	66	66	71	72	70	69	70	66	66	69	67	66	66	66	66	66	66	67	66	69.6
16 INCHES	MAX	74	74	74	75	74	73	72	73	73	73	72	72	72	71	72	72	72	72	70	70	70	70	70	70	66	69	70	70	69	6B	70	71.4
	MIN	72	72	73	73	73	70	70	70	72	72	71	71	70	70	71	71	70	70	70	69	69	69	69	66	66	66	66	66	67	67	6B	70.4
32 INCHES	MAX	69	69	70	70	70	70	70	69	69	70	70	70	70	69	69	69	69	69	69	69	69	69	66	66	66	66	66	66	66	67	67	69.0
	MIN	69	69	69	69	70	69	69	66	69	69	69	69	69	66	66	69	69	69	69	66	66	66	66	66	67	67	67	67	67	67	67	66.3

Measured under Kentucky Bluegrass.

See reference notes following Station Index.

TOTAL PRECIPITATION

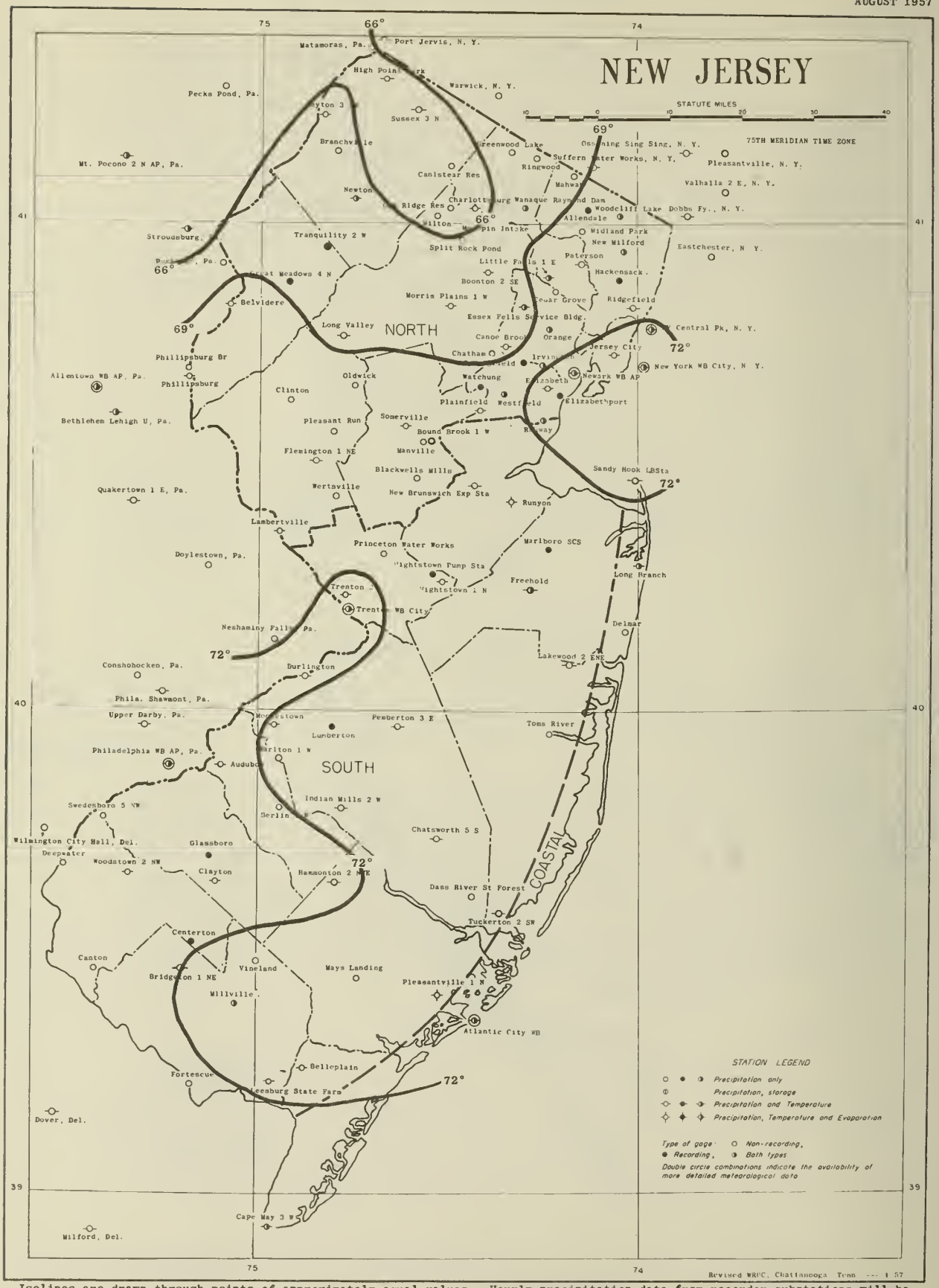
NEW JERSEY
AUGUST 1957



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE

NEW JERSEY
AUGUST 1957



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MID	BERGEN COUNTY ENGS	C
#ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P	NAYY FORESTRY SVC	3 7
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P	MRS. ED C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	280	5P	5P	MISS C. S. HIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A	SAMUEL H. MC CULLEY	3
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A	HENRY M. MILLER	3
BOONTON 2 SE	0901	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WTR WKS	2 3 5
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A	AMERICAN CYANAMID CO	3
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A	ALBERT M. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	39 28	75 25	20		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	SP	5P	N.WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATMAN	1590	MORRIS	8	40 44	74 23	185		8A	EDWARD P. HOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P	WILLIAM S. HAINES	INAC 1/57
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A	JOHN LOPER	3
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	5P	FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	550		MID	MICHAEL OZYOWSKI JR.	C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A	GEORGE T. WIGGINS	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1600	8A	8A	N. J. DEPT. OF CONS.	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	MID	MID	GEORGE G. WADDILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5 7
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. M. DEPUE	2 3 5 7
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P	LEESBURG STATE FARM	2 3 5
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A	PASSAIC VLY WTR COMM	2 3 5 7 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID	STORM WARN. OSPL STA	2 3 5 7 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A	NEWARK WATER DEPT	3
MAHWAH	5104	BERGEN	8	41 03	74 10	253		7A	ROBERT G. GLASGOW	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P	DAVID GRISCOM	3
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P	ELMER EARLE	3 7
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		8A	RIDGEWOOD WATER CO.	3
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A	L. J. GALLAHER	2 3 5 7 C
MILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A	H. J. WILLARD	2 3 5 7
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTHUR H. AHLQUIST	2 3 5 7 G
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	365	8A	8A	NEWTON WTR SWK COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A	DAN A. COUGHLIN	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. DOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5 7
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A	JOHN H. BERRYMAN	3
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	99		MID	PRINCETON WATER CO	3
RAHWAY	7393	UNION	9	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 7 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7.
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. MAYER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A	BRICE B. STANTON	2 3 5
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MID	M. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID	E. M. RISTOW	2 3 5
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	50	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P	REV EDWARD O. MEGILL	2 3 5
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A	WATER SUPPLY COMM	3 7 C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MID	BONNIE BURN SAN.	C
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A	ROBERT M. MANNERS	3
#WESTFIELD	9455	UNION	9	40 39	74 21	138		5P	CITY ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 5 WSW	9910	SALEM	2	39 38	75 25	30	7A	7A	RAYMOND L. BLEW. JR.	2 3 5

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6. Max and Min in Table 6 refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1821-1850, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 8 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in the standard of time in local use. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5, is indicated by no entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.
+ And also on a later date or dates.
++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
* Amount included in following measurement, time distribution unknown.
// Gage is equipped with a windshield.
\# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
AM Data based on observational day ending before noon.
B Adjusted to a full month.
C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
G In the "Refer to Tables" column in the Station Index the letter "G" indicates that soil temperatures are published.
M One or more days of record missing; if average value is entered, for more than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this stations, have been adjusted to represent the value for a full month.
R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Data".)
T Trace, an amount too small to measure.
V Includes total for previous month.

Information concerning the history of changes in locations, elevations, exposures etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, Annual for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC., Asheville, N. C. --- 10/3/57 --- 750

US
NJ
1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

SEPTEMBER 1957
Volume LXII No. 9

THE LIBRARY OF THE
NOV 2 1957
UNIVERSITY OF ILLINOIS

ASHEVILLE, 1957

WEATHER SUMMARY

GENERAL

The weather during September was warmer and drier than usual at most stations where comparisons could be made.

The temperature averages for all divisions were in excess of long-term values, ranging from + 0.9° in the Northern Division to + 2.1° in the Southern and Coastal Divisions. The maximum temperature for the month was 96° and was shared by three stations, Audubon and Pemberton 3 E on the 3rd and Lakewood 2 ENE on the 3rd and 13th. More than one-half of the stations reported minimum temperatures for the month that were below freezing, but Layton 3 NW was lowest with 23° on the 27th.

The precipitation averages for all divisions were less than long-term values by more than one-half inch. Nearly all stations for which comparative data are available showed minus departures from long-term means, and in some instances these departures exceeded two inches. Monthly totals ranged from 1.49 inches at Clinton to 6.75 inches at Deepwater. The greatest measurement on one day was 2.63 inches at Cape May 3 W on the 8th.

The percentage of possible sunshine was less than usual at Atlantic City WB and Trenton WB City, while average daytime cloudiness was greater than usual at Atlantic City WB, Newark WB Airport, and Trenton WB City.

WEATHER DETAILS

Warm weather prevailed during the first four days of the month with departures on the 3rd equaling or exceeding 10 degrees over much of the State. Temperatures fluctuated slightly during the period 5th-10th but daily departures were not significant. A rather prolonged period of warm weather prevailed from the 11th to 23rd, inclusive. Pressure patterns that controlled the weather during this period caused temperatures to fluctuate considerably and much of the State experienced averages on the 13th, 15th, 16th, 21st, and 22nd that exceeded long-term means by 10° or more. A cold front moved across the State on the 23rd and ushered in cooler weather with minus departures persisting during the period 24th-30th. During this week of cool weather most stations recorded their greatest minus departures for the month on the 27th, 28th, and 29th.

Moderate to heavy rains fell in the Northern Division around the 3rd-4th but otherwise rainfall was of little consequence through the 6th. Rain was more widespread during the period 7th-23rd. During this period occurrences were rather frequent with measured amounts mostly in the light category. On the 30th light precipitation which fell over the State was of little consequence. On some of the dates on which precipitation fell thunderstorms were also noted.

WEATHER EFFECTS

The severe summer drought in New Jersey was relieved considerably by general rains around the 10th, 16th, and 23rd. On the mornings of the 27th, 28th, and 29th killing frosts ended growth of tender crops in most of the State except for coastal and lower Delaware River areas of south Jersey. Damage to corn and soybeans from the unusually early frost was generally light since most fields had begun to dry up in August. Cranberry growers who could not flood their bogs suffered heavy freeze damage. The month's weather had little effect on New Jersey prospects for corn for grain. With earlier drought damage becoming more definite, growers reports now indicate an equivalent yield of only 22.0 bushels for all corn, which is equal to the record low yield in 1903. An unusually small percentage of the New Jersey acreage has been left for grain. Considerable acreage of soybeans, which were planned for beans, has been harvested for hay or silage or will be abandoned. Sweet potato harvesting was slowly getting under way, but general digging is not expected before mid-October. September rains aided crop growth and the production forecast for the State is slightly higher than a month ago.

General rains in late August and during September were beneficial to the late apple crop. These rains caused late apples to make larger size which accounts for the increased production from a month ago. Quality was generally good and cooler weather had aided in putting on a good finish. Peach harvest ended about mid-September with a few Rio-Oso-Gems still being sold from storage the last of the month. Grape production, compared with 1956, is down 8 percent, while cranberry production is 4 percent below last year. Pastures responded remarkably well to recent rains and conditions were considerably improved over a month ago.

September weather conditions were more favorable for market vegetables than during the earlier growing period, but for all except the late season crops, the rainfall came too late to be of much benefit. The severe drought hampered strawberry plant growth throughout the summer and beds are going into the dormant season in generally poor condition.

DESTRUCTIVE STORMS

The observer at Woodstown 5 WSW reported a windstorm that blew down trees, wires and small buildings and caused damage to large buildings.

FLOODS

The U. S. Geological Survey reported that runoff was deficient in spite of general rains during the middle of September. Flow for September 6 was lowest daily flow of record at the key station Great Egg Harbor River at Folsom. Serious water shortages in reservoirs serving heavily populated northeast New Jersey have caused drastic restrictions on water use. An estimated 65-day supply remains. The water level in the key well near Old Bridge declined to a record-low stage.

Franklin W. Long, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

SPECIAL NOTICE

A survey has indicated that the comprehensive narrative weather story carried in each issue of Climatological Data is of value to only a small number of recipients. This story will be discontinued, therefore, with the January 1958 issue. A table of extremes will be carried each month and a text will be carried whenever unusual and outstanding weather events have occurred. General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

CLIMATOLOGICAL DATA

TABLE 2

NEW JERSEY
SEPTEMBER 1957

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No of Days: 1.0 or More	.50 or More	1.00 or More
NORTHERN																								
BELVIDERE		79.7	54.5	67.1	1.1	92	13	31	27	79	5	0	2	0	2.24	- 1.49	.60	16	.0	0		8	1	0
BOONTON 2 SE	AM	77.2	52.0	64.6	1.1	88	5+	32	27+	107	0	0	2	0	2.44	- 1.84	.79	21	.0	0		6	1	0
CANOE BROOK	AM	78.4M	52.5	65.5M	1.4	92	14	27	27	104	3	0	3	0	1.86	- 2.53	.69	17	.0	0		5	1	0
CHARLOTTEBURG	AM	75.8	47.5	61.7	- .9	89	14	25	29	153	0	0	5	0	3.42	- .98	1.32	3	.0	0		6	2	1
ELIZABETH		79.9	57.3	68.6	1.4	94	13	34	27+	64	4	0	0	0	3.95	- .39	1.26	17	.0	0		6	3	2
ESSEX FELLS SERV BLDG	AM	75.1	53.1	64.1		88	4+	32	29	119	0	0	1	0	2.43		.84	17	.0	0		6	2	0
FLEMINGTON 1 NE		80.9	54.0	67.5	.7	95	3	27	28	85	4	0	3	0	1.58	- 1.91	.47	11	.0	0		6	0	0
HIGH POINT PARK		70.2M	51.4M	60.8M		81	4+	28	27	152	0	0	3	0	3.13		.89	3	.0	0		6	3	0
JERSEY CITY		75.0	59.9	67.5	.5	90	13	40	27+	65	1	0	0	0	3.04	- .82	1.11	16	.0	0		7	2	1
LAMBERTVILLE		80.4M	57.2M	68.8M	2.8	92	3	30	27	68	4	0	1	0	1.86	- 1.43	.67	11	.0	0		5	2	0
LAYTON 3 NW		77.8	47.8	62.8	.7	88	1+	23	27	143	0	0	3	0	3.27	- .48	1.10	3	.0	0		7	2	1
LITTLE FALLS 1 E	AM	80.4	54.2	67.3	1.6	93	14	32	28	73	3	0	1	0	2.21	- 2.39	.72	21	.0	0		6	2	0
LONG VALLEY		77.2	51.1	64.2		90	3+	27	28+	126	2	0	3	0	1.98	- 1.91	.40	10+	.0	0		8	0	0
MORRIS PLAINS		79.3	52.5	65.9		90	14	29	27	96	1	0	3	0	2.50		.62	11	.0	0		6	2	0
NEWARK WB AIRPORT	R	78.8	60.1	69.5	2.7	93	3+	39	28	54	4	0	0	0	3.80	- .09	1.45	10	.0	0		7	2	2
NEWTON	AM	76.7	49.4	63.1	.0	88	4+	28	29	129	0	0	3	0	3.06	- .80	1.20	3	.0	0		5	2	2
PATERSON	AM	79.6	55.3	67.5	1.1	94	14	35	27	67	4	0	0	0	2.54	- 1.65	.82	21	.0	0		6	2	0
PHILLIPSBURG		79.6	54.9	67.3	2.1	90	14	33	27	79	1	0	0	0	3.15	- .87	.95	17	.0	0		8	2	0
PLAINFIELO		78.9	56.4	67.7	1.6	92	13	31	27	75	3	0	2	0	2.90	- 1.61	.87	11	.0	0		7	3	0
RIDGEFIELD		78.2	57.0	67.6	1.6	93	13	33	27	72	1	0	0	0	4.06	- .10	1.25	10	.0	0		8	2	1
SOMERVILLE		80.5	55.5	68.0	2.0	94	3+	29	27	80	3	0	3	0	2.04	- 1.40	.54	17	.0	0		5	2	0
SUSSEX 3 N	AM	76.1	47.2	61.7	- 2.1	88	4+	27	27	145	0	0	4	0	4.87	1.21	1.61	3	.0	0		6	4	2
DIVISION				65.9	.9										2.83	- 1.20			.0					
SOUTHERN																								
AUDUBON		80.2	60.3	70.3		96	3	35	27	58	3	0	0	0	2.13		.68	17	.0	0		4	2	0
BELLEPLAIN		80.5	59.3	69.9		94	3	28	28	65	5	0	1	0	2.23	- 1.81	.80	17	.0	0		4	3	0
BRIOGETON 1 NE	AM			M		93	4					0		0	2.60	- 1.31	1.35	8	.0	0		4	2	1
BURLINGTON		80.6	60.6	70.6	1.8	94	3	38	27+	55	6	0	0	0	2.02	- 1.71	.69	17	.0	0		4	2	0
CLAYTON		78.8	60.3	69.6		94	3	36	28	65	3	0	0	0	5.11		1.49	8	.0	0		5	4	2
FREEHOLD		79.4	57.8	68.6	2.2	93	3	33	27	73	3	0	0	0	2.15	- 1.72	.77	17	.0	0		3	2	0
HAMMONTON 2 NNE	AM	80.0	59.1	69.6	2.0	95	4	36	27+	58	3	0	0	0	4.17	.68	1.10	8+	.0	0		6	3	2
HIGHTSTOWN 1 N		79.7	57.4	68.6	2.5	93	3	32	28	73	5	0	1	0	2.05	- 2.06	.76	17	.0	0		3	3	0
INDIAN MILLS 2 W		79.2	57.1	68.2	1.2	95	3	27	28	85	4	0	3	0	4.02	.57	1.25	8	.0	0		4	3	3
LAKEWOOO 2 ENE		78.3	56.2	67.3	1.5	96	3+	32	27+	85	3	0	2	0	2.48	- 1.26	1.12	10	.0	0		5	2	1
LEESBURG STATE FARM		78.5	58.7	68.6		92	3	31	28	68	2	0	2	0	2.74		.76	17	.0	0		6	3	0
MILLVILLE	AM	79.9	60.0	70.0		94	4	36	28	57	3	0	0	0	3.54		1.38	7	.0	0		5	3	2
MOORESTOWN		78.9	58.3	68.6	2.3	95	3	32	27+	78	3	0	2	0	1.98	- 1.69	.79	17	.0	0		4	2	0
NEW BRUNSWICK EXP STA		78.8	57.6	68.2	1.6	90	3+	35	27	73	3	0	0	0	2.32	- 1.87	.95	10	.0	0		3	3	0
PEMBERTON 3 E		80.7	56.5	68.6	1.1	96	3	28	27	81	4	0	2	0	2.37	- 1.32	1.23	17	.0	0		4	1	1
PLEASANTVILLE 1 N	AM	78.7	57.0	67.9	1.4	93	4	32	28	75	2	0	1	0	2.10	- 1.38	.61	17	.0	0		6	1	0
RUNYON		80.5	55.0	67.8	2.7	95	3	25	27+	101	5	0	3	0	3.01	- 1.16	.89	17	.0	0		5	4	0
TRENTON 2		79.1	59.9	69.5		94	3	38	27+	58	4	0	0	0	2.78	- 1.45	1.06	23	.0	0		4	3	1
TRENTON WB CITY	R	77.4	60.6	69.0	2.0	92	3	40	27+	60	2	0	0	0	2.11	- 1.64	.80	23	.0	0		4	2	0
TUCKERTON		77.5	60.4	69.0		94	3	32	28	71	2	0	1	0	2.75		.95	16	.0	0		8	1	0
WOOOSTOWN 5 WSW	AM	79.2	59.7	69.5		94	4	37	28	54	1	0	0	0	5.71		1.89	13	.0	0		7	4	4
OIVISION				69.0	2.1										2.87	- .91			.0					
COASTAL																								
ATLANTIC CITY WB	R	74.5	64.6	69.6	1.3	84	3	43	27+	40	0	0	0	0	2.14	- 1.37	.82	17	.0	0		4	2	0
CAPE MAY 3 W		78.5M	64.0M	71.3M		91	3	44	27	32	1	0	0	0	6.31		2.63	8	.0	0		6	3	2
LONG BRANCH		76.2	59.6	67.9	1.8	94	3	38	27+	71	2	0	0	0	2.76	- 1.25	.66	22	.0	0		6	3	0
SANDY HOOK LBSTA		78.5	61.9	70.2	2.3	92	13	37	27	39	2	0	0	0	1.67	- 1.96	.62	17	.0	0		4	1	0
DIVISION				69.8	2.1										3.22	- .52			.0					

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
SEPTEMBER 1957

Station	Total	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB R	2.14			T				.50	T	T	.46		T		.02	.03	.01	.82					.01	T							.29	
AUDUBON	2.13							.48			.50		T	T			.09	.68						.38							T	
BASS RIVER ST FOREST	3.42				.39					.93	.63	.06	.06				.99	.01						.05							.30	
BELLEPLAIN	2.23							.60	.07		.25							.80													.51	
BELMAR	2.06		T	T												T	.02						T	1.97						T	.07	
BELVIDERE	2.24			.15							.12	.35		.02	.20	.04	.60	.33			T	.16		.27								
BERLIN 1 W	2.74								.47			T	.82	.10				1.35													T	
BLACKWELLS MILLS	2.70					.15			.13			1.08			.10	.09	T	.61	.05			T		.46	.03							
BOONTON 2 SE	2.44			.43			T		T			.43		T	.11	.02		.39				.79	T	.27								
BOUND BROOK 1 W	2.61			.01		.25						.60			.04	.37		.59	.02			.06		.67								
BRANCHVILLE	3.23			.76	.04	T						.33	.04	T	.05		.21	.69				.03	.03	1.05								
BRIDGETON 1 NE	2.60		.02		.02			.05	1.35		.05	.62	.01	.20											.02						.26	
BURLINGTON	2.02								.25	.01	.04	.48			.01			.69						.54								
CANISTEAR RESERVOIR	3.27			1.42	.04	.04						.23		.02	.10		T	.36				.05		1.01								
CANOE BROOK	1.86			.07		.13			.17			.39			.05	.01		.69				.05		.30	T							
CANTON	4.40							.06	1.42		.26	.87				.01		1.44						.34								
CAPE MAY 3 W	6.31					.07		1.81	2.63	.02	.08	.44			.27			.70						.01							.28	
CEDAR GROVE	3.24			.69					.32			.37			.03			.75				.73		.35								
CHARLOTTEBURG	3.42			1.32		.30						.29		.03	.11	.02		.49				.06		.80								
CHATHAM	1.75			.15		.08			.10			.34			T	T	T	.74				.02		.32								
CLAYTON	5.11							.03	1.49	.05	.05	.34	.79			.06		1.41				.02		.78			T				.09	
CLINTON	1.49			.08					.03		.03	.46			.10			.46				.06		.27								
DEEPWATER	6.75				T			1.54		.02	1.35		1.88			.21	1.01							.70							.04	
ELIZABETH	3.95			.01	.01	.25			.02		.07	1.25			.11	.01	.03	1.26				.11		.82								
ELIZABETHPORT	3.39				.12			.06			1.14				.02	.08	1.14	.24				.06		.53								
ESSEX FELLS SERV BLDG	2.43			.50					.25			.31						.84				.21		.32								
FLEMINGTON 1 NE	1.58			T		T			.06		.16	.47			.12	.13	T	.44				T		.20							T	
FORTESCUE	2.36							.45	.18		.12	.68						.85													.08	
FREEHOLD	2.15							.09			.05	.43			T	.06		.77					T	.70							.05	
GREENWOOD LAKE	3.81			1.71	.05	.06						.26			.19		T	.70				T	.02	.82								
HAMMONTON 2 NNE	4.17				.03			1.10		.07	1.10		.15		.46			.92	.09					.07							.18	
HIGH POINT PARK	3.13			.89		.03						.25		.34	.05		.25	.57				.08		.67								
HIGHTSTOWN 1 N	2.05					T			.04		.06	.55	T		.01	.02		.76				T		.60							.01	
INDIAN MILLS 2 W	4.02				T	.01		T	1.25	T	T	1.10	.01	.01	T	.07		1.21						.31							.05	
IRVINGTON	3.47		.04		.55						.79	.01		.22	.11	T	.96	.25				.18		.36								
JERSEY CITY	3.04		.24		.31			.04			.56				.15	.03	1.11	.25				.03		.32								
LAKEWOOD 2 ENE	2.48				.19			.22			1.12						.06	.68					.03	.08							.10	
LAMBERTVILLE	1.86								.05		.22	.67		.03	.15			.53						.21								
LAYTON 3 NW	3.27		.11	1.10							.03	.27	.59		.06	.02	.40	.14			.04		.03	.48								
LEESBURG STATE FARM	2.74							.65	.13	.08	.12	.57			.07			.76													.36	
LITTLE FALLS 1 E	2.21			.36					.10		T	.22			.02	.02		.51				.72		.26								
LONG BRANCH	2.76				T			.14			.64					.03	.34	.39				T	.66	.52							.04	
LONG VALLEY	1.98		.10		.10						.40				.21	.05	.19	.21				.32		.40								
MACOPIN INTAKE	3.37			1.39		.18						.27		.02	.12	.01	.01	.55				.06	T	.76								
MAHWAH	3.21			1.58		.52						.24		.01	.08		.01	.33				.05		.38	.01							
MANVILLE	2.99		.03		.36						.66			.20	.24	T	.48	.21				.06		.75								
MARLTON 1 W	3.33								.74		T	.66	.01	.03				.95						.91							.03	
MAYS LANDING	5.50			.37		.10		.45	.61		1.14	.65						1.76					.07								.35	
MIDLAND PARK	3.13		.26	1.29	.01							.28		.01	.06			.35				.65		.22								
MILLVILLE	3.54				.08			1.38	.03	.02	.52		.12				.04	1.03						T							.32	
MILTON	4.24			1.48	.02	.28						.30		.03	.16	.02		.50	.05					1.38	.02							
MOORESTOWN	1.98								.27			.54		.01				.79	.04					.33								
MORRIS PLAINS	2.50			.61	T				.03		.04	.62	T		.07	.10		.42				.33	T	.28								
NEWARK WB AIRPORT R	3.80		.01		.36			.03		T	1.45			.14	.06	.02	1.01	.26			T	.10	.05	.31							T	
NEW BRUNSWICK EXP STA	2.32				.02			.05			.95				.06	.04		.55			T			.65							T	
NEW MILFORD	2.86		.24	.80	.04			.04			.32	.02					.40	.26				.46		.28								
NEWTON	3.06			1.20	.02	.01						.29		.03	.10	.01	.03	.29				.03	.01	1.04								
OAK RIDGE RESERVOIR	3.93			1.27		.40						.29		.03	.12	.02		.42				.08		1.30								
OLDWICK	1.75			.04					.19			.46			.06	.37	.01	.34				.07		.21								
ORANGE	2.51		.41								.78						.14	.76						.42								
PATERSON	2.54			.43					.10			.27			.03	T		.65				.82	T	.24	T							
PEMBERTON 3 E	2.37							.04	.31			.37						1.23						.42							T	
PHILLIPSBURG	3.15			.10		.06					.26	.58			.17	.13	T	.95				.45		.45								
PHILLIPSBURG BRIDGE	3.47			.07		.03						.72					.14	1.08				.42		1.01								
PLAINFIELD	2.90		T		.28			T	.02		.11	.87	T	T	.11	.04	.55	.30				.05		.57							T	
PLEASANT RUN	1.75			.02					.07			.53			.15	.18		.46				.02	.05	.02	.25							
PLEASANTVILLE 1 N	2.10							.35	.35	.10	.40					.06		.61	.23					T	T						T	
PRINCETON WATER WORKS	2.06				.18			.03			.64			T		T	.09	.40						.72								
RAHWAY	4.08		.02		.13			.20			1.20	.30	.10	.30	.10	.21	.61	.28				T		.63								
RIDGEFIELD	4.06		.43	T	.43			.03			1.25	.05			.30		.75	.23				.34		.25								
RINGWOOD	3.62			1.48		.21						.37		T	.15	T	T	.43				.08		.90								
RUNYON	3.01					.23					.02	.64				.62		.89					T	.61								
SANDY HOOK LBSTA	1.67										.01	.32				.31		.62				.03		.38								
SOMERVILLE	2.04					.22			T		.06	.43	.02		.27			.54						.50								
SPLIT ROCK POND	3.03			.89		.11						.38		.03		.09		.38				.73		.42								
SUSSEX 3 N	4.87			1.61	.07	T					.02	.20			.05		.65	.77				.11	.01	1.38								
SWEDESBORO 5 NW	3.92								.40	T	.52	.78	.29	.08	.06	T		1.16			T		T	.62	.01							
TOMS RIVER	4.18							.24	1.38		.05	.75						1.57													.19	
TRENTON 2	2.78							.04			.94			.03	.07		.11	.53						1.06							T	
TRENTON WB CITY R	2.11			T				.04			.67		T	.01	.03		.17	.38			T	T		.80							.01	
TUCKERTON	2.75							.30	.40		.20	.30					.95						.10	.10							.40	
VINELAND	3.95					.07		.09	1.16			.89		.03	T	.27		1.27	.15				.01								.01	
WANAQUE RAYMOND DAM	3.08			1.40		.30						.33		.02	.08		.02	.48				.06		.39								
WERTSVILLE	1.60			T		.04			.01			.54	T	T	.12	.10		.44	.03					.32	T							
WESTFIELD	3.09		.04		.23			.02			.84				.39	.06	.55	.35				T	T	.61								
WOODCLIFF LAKE	2.80		.34	1.12	.04						.20	.02					.24	.26				.36		.22								
WOODSTOWN 5 WSW	5.71								1.11		.13	1.05		1.89	.03	.03		1.22	.12					.13								

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed: Fastest mile	Wind speed: Direction of fastest mile	Wind speed: Date of fastest mile	Relative humidity averages - percent: 1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Number of days with precipitation: Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB	-	-	15.1	35	S	23	-	-	-	-	5	4	2	2	0	0	13	58	5.8
LONG BRANCH	S	18	12.5	30	S	2	-	83	66	69	2	2	3	3	0	0	10	62	8.2
NEWARK WB AIRPORT	SSW	18	8.9	29++	NW	2	76	80	51	83ø	3	5	5	0	2	0	15	-	8.3
TRENTON WB CITY	-	-	7.9	25	E	18	-	-	-	-	4	4	2	2	0	0	12	53	8.1

ø 12:00 Noon

See Reference Notes Following Station Index

Table 5

DAILY TEMPERATURES

NEW JERSEY
SEPTEMBER 1957

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	76	75	84	80	78	75	72	75	73	72	81	75	83	83	80	79	72	73	73	76	77	78	74	71	72	78	63	61	62	64		74.5
	MIN	69	70	74	70	62	59	64	69	70	68	67	70	73	73	73	72	68	69	68	67	71	73	64	58	51	52	43	43	49	59		64.6
AUDUBON	MAX	88	88	96	89	80	84	78	78	89	77	86	86	92	88	91	89	76	77	83	82	87	89	76	69	75	76	63	65	66	64		80.2
	MIN	64	67	74	72	59	51	65	64	60	65	66	65	68	72	70	70	66	60	58	60	67	70	62	54	43	53	35	37	40	51		60.3
BELLEPLAIN	MAX	82	83	94	93	82	83	76	78	74	71	85	87	92	90	90	87	83	76	77	82	87	89	84	75	75	79	70	68	62	61		80.5
	MIN	66	65	72	74	56	56	62	67	64	67	65	62	63	72	71	73	67	62	61	50	67	71	58	52	36	52	33	28	35	51		59.3
BELVIDERE	MAX	90	88	91	90	80	84	80	81	75	69	76	80	92	83	88	89	76	78	81	77	81	90	86	70	75	73	65	69	69	66		79.7
	MIN	53	54	60	64	50	46	56	58	49	65	62	58	62	68	65	71	64	54	51	57	68	72	60	46	39	46	31	32	34	40		54.5
BOONTON 2 5E	MAX	83	86	83	87	88	74	81	74	75	74	68	84	83	88	81	83	85	75	77	77	77	83	85	71	67	70	68	60	64	66		77.2
	MIN	52	52	61	65	49	48	51	58	49	51	60	56	57	67	64	65	64	55	49	50	57	67	60	45	38	40	32	33	32	34		52.0
BRIDGETON 1 NE	MAX		87	85	93	88	78	80		76	72	72	84	87										90	72	68	73	76			64		
	MIN		65	73	73	58	50	63		61	62	65	65	66										56	52	40	53	33			33		
BURLINGTON	MAX	82	86	94	90	86	82	78	77	73	70	85	89	92	88	92	90	84	77	83	83	86	90	84	71	75	75	64	63	63	67		80.6
	MIN	63	65	73	74	60	52	66	66	62	66	62	65	67	73	71	72	66	62	58	57	67	70	62	54	45	54	38	38	39	51		60.6
CANOE BROOK	MAX	83	85	86	91	90	76	81	80		73	70	85	84	92	80	83	88	73	76	77	78	84	86	68	68	74	70	62	65	67		78.4
	MIN	52	53	67	65	47	44	55	54	48	57	58	55	60	67	64	70	65	52	51	52	62	68	60	44	39	45	27	28	31	34		52.5
CAPE MAY 3 W	MAX	81	81	91	88	82	79	75	76	75	76	79	82	89		86	84		79	77	75	82	83	82	73	74	78	75	63	65	68		78.5
	MIN	70	68	73	74	66	62	64	68	67	69	69	70	74		70	74		66	63	60	69	73	67	60	52	54	44	45	45	57		64.0
CHARLOTTEBURG	MAX	81	85	82	86	86	73	78	71	74	73	73	82	81	89	78	80	85	72	74	75	75	80	82	68	60	71	65	65	63	67		75.8
	MIN	44	45	57	58	45	41	45	51	42	42	60	50	50	62	60	60	61	52	43	47	57	66	57	43	32	44	31	27	25	28		47.5
CLAYTON	MAX	87	87	94	90	82	81	76	76	71	71	84	84	85	89	90	86	81	75	79	80	84	86	80	67	74	75	64	60	63	62		78.8
	MIN	64	67	73	74	59	53	64	65	61	66	65	65	64	67	70	71	67	65	59	58	68	70	62	50	44	54	38	36	40	50		60.3
ELIZABETH	MAX	88	88	91	91	85	85	73	79	75	70	86	85	94	85	82	90	83	78	70	81	84	86	78	72	75	77	67	67	66	67		79.9
	MIN	58	59	70	65	52	51	63	62	57	64	62	60	65	69	69	69	64	59	56	57	68	69	60	49	43	52	34	35	34	45		57.3
ESSEX FELLS SERV BLDG	MAX	79	78	80	88	84	62	70	71	72	72	70	79	80	88	86	82	88	74	72	73	76	82	82	72	72	68	68	66	58	62		75.1
	MIN	58	62	65	66	53	50	50	46	48	54	56	58	60	64	64	67	62	54	52	56	59	62	58	50	48	40	33	33	32	34		53.1
FLEMINGTON 1 NE	MAX	89	88	95	92	87	85	82	87	78	68	85	82	93	82	90	88	76	77	81	79	86	88	83	75	75	74	64	60	68	71		80.9
	MIN	55	54	70	65	50	44	56	62	50	63	62	59	65	68	66	68	63	54	48	51	66	70	60	44	37	47	28	27	31	37		54.0
FREEHOLD	MAX	84	87	93	90	85	82	75	76	72	70	85	82	92	89	87	89	82	79	76	80	86	87	82	67	73	74	62	64	65	66		79.4
	MIN	58	61	69	72	53	50	63	64	57	65	64	63	67	69	70	69	66	60	55	55	67	68	59	49	43	50	33	34	39	43		57.8
HAMMONTON 2 NNE	MAX	88	86	89	95	89	79	85	73	75	70	71	86	84	93	90	78	88	74	76	82	84	87	89	72	70	75	78	64	64	65		80.0
	MIN	63	70	72	73	58	51	58	62	62	61	66	60	67	71	70	70	67	61	58	56	60	70	62	51	44	47	36	36	39	51		59.1
HIGH POINT PARK	MAX	75	79	76	81	80	66	72	71	70	71	60	76	70	81	72	75	77	69	71		69	73	79	60	69	67	57	50	57	62		70.2
	MIN	53	56	61	62	47	49	52	53	52	56	54	57	53	62	59	59	57	53	54		59	64	53	47	42	51	28	30	31	37		51.4
HIGHTSTOWN 1 N	MAX	86	88	93	90	79	85	76	78	71	69	86	82	92	86	91	90	83	73	79	81	86	89	80	70	74	76	64	65	65	65		79.7
	MIN	57	60	70	72	53	47	64	63	55	65	64	62	67	68	69	70	65	58	56	55	67	69	60	50	40	52	33	32	35	45		57.4
INDIAN MILLS 2 W	MAX	88	88	95	90	79	84	77	77	68	70	85	81	91	86	90	87	76	76	81	82	87	88	76	69	75	75	62	63	66	65		79.2
	MIN	62	64	72	72	51	42	63	64	58	66	65	62	64	69	70	70	66	58	57	52	66	68	60	48	36	49	30	27	32	49		57.1
JERSEY CITY	MAX	82	78	88	86	77	77	70	74	70	68	83	77	90	79	78	85	75	74	71	74	78	80	73	67	72	70	60	64	65	65		75.0
	MIN	60	64	70	65	58	57	67	63	56	65	63	64	70	72	70	70	64	59	60	61	68	71	60	53	47	47	40	40	43	49		59.9
LAKEWOOD 2 ENE	MAX	84	82	96	92	79	77	75	78	68	70	88	77	96	84	86	88	75	75	75	79	82	85	74	71	76	78	66	63	66	63		78.3
	MIN	56	61	71	65	50	44	62	58	56	66	64	60	65	71	72	70	63	63	54	52	68	71	58	43	41	39	32	32	33	47		56.2
LAMBERTVILLE	MAX	88	87	92	90	87	83	80	77	75	68	87	82	91	88	90	87	82	76	80	78	85	87	80	69	74	73	63	66	67			80.4
	MIN	56	59	72	70	55	45	61	63	51	64	62	61	64	69	69	72	65	56	52	55	68	71	60	46	40	49	30	33	41			57.2
LAYTON 3 NW	MAX	88	83	88	86	78	80	76	74	78	79	82	73	88	81	83	85	74	73	75	80	87	87	80	79	73	65	60	66	68	65		77.8
	MIN	38	42	61	56	40	38	40	53	39	55	58	53	54	65	55	69	61	48	50	57	60	66	57	40	36	39	23	24	25	33		47.8
LEESBURG STATE FARM	MAX	86	85	92	90	80	77	76	74	72	73	81	83	89	88	88	89	87	74	77	77	79	81	75	73	72	74	73	62	63	64		78.5
	MIN	64	66	73	74	59	47	63	67	64	64	61	65	70	69	65	69	60	55	60	53	64	69	65	53	39	52	32	31	36	52		58.7
LITTLE FALLS 1 E	MAX	87	89	87	92	90	78	84	76	77	76	72	87	85	93	82	85	89	75	77	79	80	85	88	80	70	76	71	62	69	70		80.4
	MIN	54	55	62	65	50	48	58	58	50	60	61	57	62	68	66	69	64	54	52	54	63	69	58	47	40	48	33	32	33	37		54.2
LONG BRANCH	MAX	83	82	94	88	76	75	72	75	70	70	85	80	93	81	82	86	72	72	73	80	80	85	74	67	70	73	58	63	63	65		76.2
	MIN	59	63	71	71	56	51	65	63	59	65	65	63	69	71	70	71	65	64	61	56	69	70	61	53	43	50	38	38	39	49		59.6
LONG VALLEY	MAX	85	83	90	89	82	81	75	76	72	68	84	80	90	84	83	84	79	75	77	78	81	85	79	67	65	66	61	64	65	67		77.2
	MIN	52	50	65	60	44	41	51	52	45	62	60	56	62	66	62	66	62	52	43	52	66	70	52	41	37	40	28	27	27	42		51.1
MILLVILLE	MAX	87	88	85	94	87	79	82	74	77	75	73	82	86	92	88	90	87	74	78	80	80	87	87	75	69	75	77	63	64	63		79.9
	MIN	66	65	71	73	61	53	60	63	63	64	67	66	68	72	71	71	67	63	61	55	60	71	63	52	46	49	37	36	39	46		60.0
MOORESTOWN	MAX	88	88	95	88	78	81	77	78	69	70	85	82	90	87	91	88	76	76	81	80	85	89	71	68	73	75	63	64	66	64		78.9
	MIN	61	67	73	68	53	47	65	60	57	66	65	65	68	71	70	70	65	60	58	54	68	69	62	48	41	47	32	32	38	48		58.3
MORRIS PLAINS	MAX	87	89	89	89	84	80	80	77	74	72	85	84	89	90	83	85	85	75	77	77	82	85	85	68	72	72	64	65	68	68		79.3
	MIN	51	51	61	63	47	46	53	58	51	61	58	55	63	66	63	65	62	57	46	50	66	70	59	43	36	49	29	30	30	36		52.5
NEWARK WB AIRPORT	MAX	86	88	93	91	78	84	73	77	74	71	87	84	93	82	82	90	77	76	75	79	84	84	75	69	76	72	62	67	68	68		78.8
	MIN	61	62	72	65	58	59	66	63	59	65	65	64	68	71	71	71	65	61	59	61	68	70	62	54	48	48	40	39	41	48		60.1
NEW BRUNSWICK EXP STA	MAX	85	85	90	90	85	80	80	75	75	70	84	82	90	89	82	86	85	74	74	78	85	86	85	68	72	72	62	64	65	65		78.8
	MIN	58	59	70	71	55	48	62	62	57	64	64	62	67	68	69	70	64	59	56	55	67	69	59	50	42	51	35	36	36	44		57.6
NEWTON	MAX	83	86	85	88	87	75	80	75	78	76	67	82	76	88	77	83	86	72	73	78	75	81	86	68	66	73	66	58	65	68		76.7
	MIN	46	47	55	59	47	42	50	55	42	50	61	52	56	66	61	64	62	46	42	47	62	68	57	45	34	41	36	30	28	30		49.4
PATERSON	MAX	84	87	86	90	93	78	80	76	77	76	77	87	85	94	83	83	90	74	77	79	80	84	85	71	69	75	73	63	64	67		79.6
	MIN	56	57	66	63	53	53	56	60	53	55	61	59	61	68	66	68	62	55	54	54	61	69	58	49	42	46	35	36	38	44		55.3
PEMBERTON 3 E	MAX	87	88	96	93	87	84	84	78	76	70	85	82	91	89	91	89	79	75	79	81	87	88	83	70	74	79	67	62	66	62		80.7
	MIN	61	63	68	71	51	42	63	63	58	65	65	60	63	68	70	67	66	59	57	52	68	69	61	47	36	48	28	31	33	43		56.5
PHILLIPSBURG	MAX	85	87	86	88	89	78	80	76	77	78	81	84	89	90	86	87	85	77	78	79	78	86	87	69	73	74	67	63	65	67		79.6
	MIN	56	56	56	55	52	47	57	58	50	63	63	58	63	78	66	72	64	56	49	57	67	69	59	48	40	47	33	34	34	40		54.9
PLAINFIELD	MAX	87	85	91	90	78	82	72	77	72	69	86	83	92	83	84	87	77	77	78	79	86	87	80	71	74	75	65	67	67	67		78.9
	MIN	59	57	70	67	50	49	60	62	54	65	63	60	66	69	67	69	65	58	55	54	68	68	60	48	40	50	31	32	34	41		56.4
PLEASANTVILLE 1 N	MAX	83	81	80	93	87	80	78	74	77	75	71	84	89	91	87	88	85	72	76	77	79	82	83	75	71	74	78	63	63	64		78.7
	MIN	66	63	68	73	52	47	52	52	62	66	55	63	66	71	71	71	67	63	51	51	55	71	71	53	40	44	35	32	36	42		57.0
RIDGEFIELD	MAX	86	85	89	88	76	81	75	76	76	70	85	85	93	81	84	88	73	77	79	81	83	86	74	69	75	71	62	65	66	67		78.2
	MIN	57	60	67	64	53	50	63	60	55	65	64	60	69	69	68	71	61	57	55	57	68	70	59	52	42	43	33	34	38	45		57.0

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RUNYON	MAX	89	89	95	91	85	76	79	78	70	70	84	90	94	87	84	83	81	75	80	83	88	90	84	74	78	71	63	68	69	66		80.5
	MIN	60	65	68	69	47	38	59	58	51	60	64	68	68	68	68	70	69	57	56	55	64	68	60	48	33	44	25	25	27	37		55.0
SANOY HOOK L8STA	MAX	83	86	90	87	86	81	76	76	76	71	86	85	92	87	79	85	74	74	74	79	80	83	78	70	74	74	68	63	70	67		78.5
	MIN	66	75	72	69	62	61	62	60	53	66	66	65	70	70	69	72	66	65	62	62	68	71	62	57	54	58	37	44	46	48		61.9
SOMERVILLE	MAX	89	88	94	93	88	84	77	78	75	70	86	83	94	84	87	88	82	77	78	78	86	88	82	70	75	75	64	67	68	68		80.5
	MIN	57	56	70	67	49	44	57	63	54	64	61	58	64	69	67	75	64	58	53	52	68	70	66	46	38	47	29	30	31	39		55.5
SUSSEX 3 N	MAX	82	85	82	88	85	73	78	74	77	76	67	83	75	88	78	80	84	74	75	78	76	78	84	69	70	71	65	57	65	67		76.1
	MIN	47	47	49	60	42	42	43	50	46	46	57	51	53	63	57	60	60	48	45	45	58	65	55	44	35	35	27	28	28	30		47.2
TRENTON 2	MAX	87	87	94	90	78	82	76	78	72	70	85	82	92	85	90	88	76	76	80	80	86	88	75	69	74	75	63	64	66	65		79.1
	MIN	60	66	72	73	56	52	67	62	59	65	65	64	68	70	71	70	65	60	57	60	69	71	61	52	45	52	38	38	40	48		59.9
TRENTON W8 CITY	MAX	85	86	92	88	76	81	74	75	69	69	83	81	90	83	89	86	74	74	78	78	85	86	75	67	72	73	61	63	65	64		77.4
	MIN	64	66	72	69	58	57	66	62	60	66	66	66	68	71	71	70	65	61	59	61	69	71	60	54	48	47	40	40	42	49		60.6
TUCKERTON	MAX	80	80	94	86	83	78	75	75	72	70	85	78	92	84	88	84	78	75	74	78	82	83	73	70	73	77	67	62	65	63		77.5
	MIN	72	72	79	72	55	46	64	67	62	65	67	65	70	70	70	72	67	62	58	50	69	75	65	51	40	57	36	32	34	49		60.4
WOODSTOWN 5 WSW	MAX	87	88	87	94	89	80	81	75	77	70	71	83	85	89	84	88	86	76	75	80	79	85	80	73	69	74	77	63	67	64		79.2
	MIN	65	66	71	73	58	53	54	65	61	61	60	61	69	69	69	74	68	62	61	62	64	71	62	54	45	48	38	37	44	46		59.7

Table 6

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg
CANOE BROOK	EVAP	.19	.17	.13	.13	.13	.21	.14	.03	.12	.06	.02	.13	.05	.14	.07	.07	.18	.09	.11	.10	*	*	.20	.05	.12	.10	.10	.03	.14	.07		3.08
	WIND	3	3	5	4	4	5	3	2	0	4	7	2	2	3	1	4	6	2	5	2	1	2	4	1	11	2	25	16	1	1		131
PLEASANTVILLE 1 N	EVAP	-	.14	.09	.27	.06	.07	-	.05	.18	-	-	.15	.10	.09	.15	.09	.28	.07	-	-	.14	.14	.05	.11	.17	.12	-	.14	.10	-		-
	WIND	17	17	55	35	22	49	13	33	4	12	32	13	22	23	1	38	12	22	27	12	27	21	66	41	2	14	49	25	13	2		719

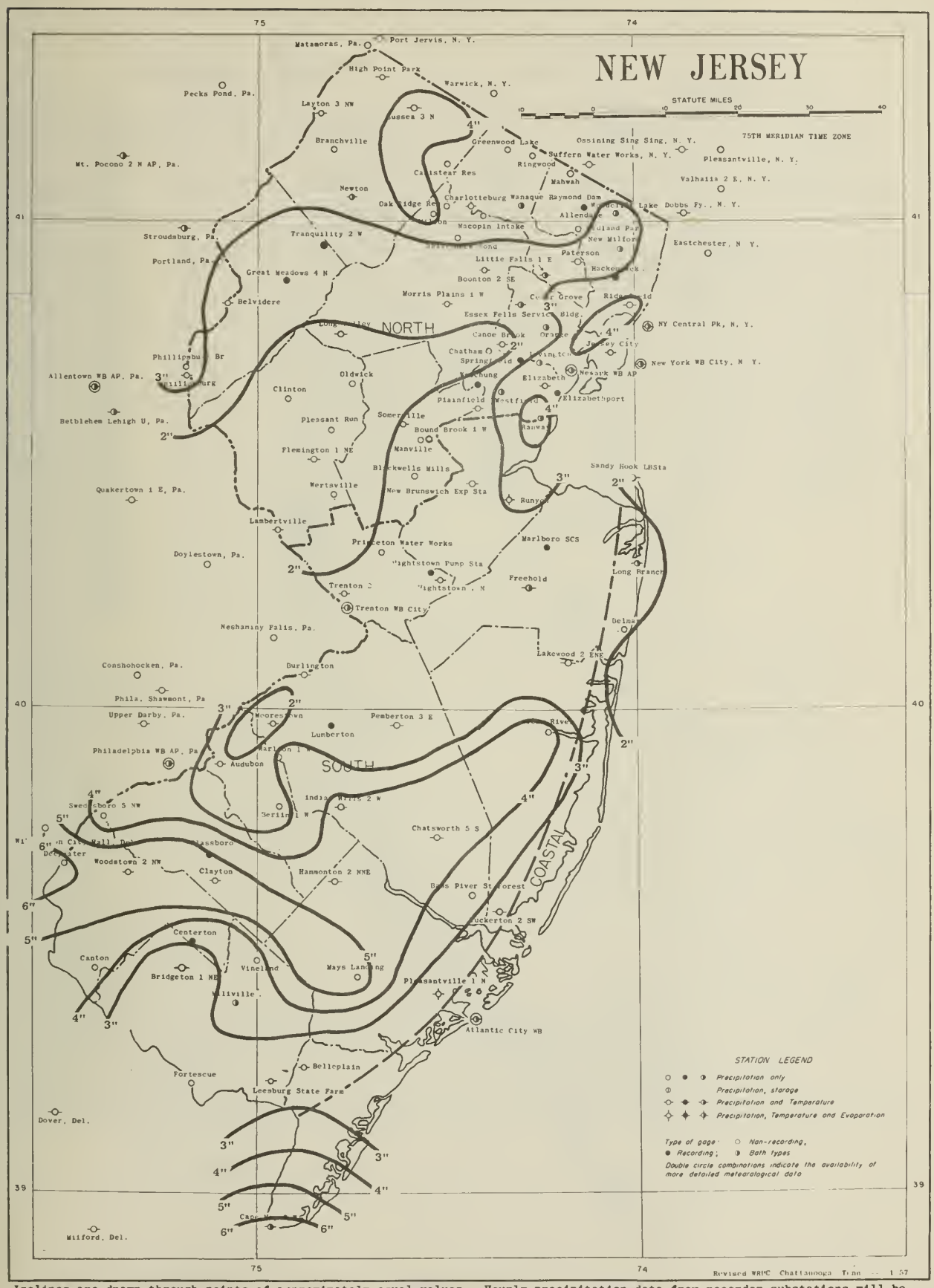
DAILY SOIL TEMPERATURES

Station And Depth		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	81	83	89	86	79	89	72	79	69	67	89	76	84	79	79	80	73	72	76	73	76	78	71	72	70	70	66	66	62	80		75.4
	MIN	65	66	69	66	60	57	64	61	61	65	64	64	68	70	70	70	68	65	64	64	67	69	65	60	56	55	50	49	50	52		62.5
2 INCHES	MAX	75	75	78	76	75	76	70	72	67	66	75	73	78	76	76	77	73	71	73	71	74	74	71	70	67	67	63	62	59	59		71.3
	MIN	66	67	70	69	64	61	66	64	63	66	65	66	68	71	70	70	69	66	65	65	68	70	66	63	59	58	54	52	52	54		69.2
4 INCHES	MAX	74	74	77	76	74	75	70	73	67	66	74	73	77	76	75	76	73	71	72	70	73	74	70	70	67	67	63	62	59	59		70.9
	MIN	67	68	70	70	65	62	66	65	64	66	65	66	69	71	70	70	69	67	65	65	68	70	67	64	59	59	55	53	52	54		64.7
8 INCHES	MAX	72	71	73	72	71	70	69	70	68	67	70	70	72	72	72	73	72	70	70	69	71	71	71	68	66	65	63	60	59	59		68.9
	MIN	68	69	70	70	68	65	68	68	67	66	66	67	69	71	70	70	70	69	67	67	68	69	68	66	63	63	59	57	56	57		66.4
16 INCHES	MAX	70	70	70	70	70	69	69	69	68	67	68	69	70	70	70	70	71	70	69	69	69	70	70	69	68	66	65	63	62	81		68.9
	MIN	68	68	69	70	69	67	68	68	67	66	66	67	68	70	70	70	70	69	68	68	68	69	69	67	65	64	63	61	60	59		67.0
32 INCHES	MAX	67	68	68	68	68	68	68	67	67	67	67	66	67	67	67	68	68	68	68	68	67	67	68	68	68	67	66	65	64	63		67.1
	MIN	67	67	67	67	67	67	67	67	67	66	66	66	66	67	67	67	67	68	68	67	67	67	67	67	67	66	65	64	63	62		66.4

Measured under Kentucky Bluegrass.

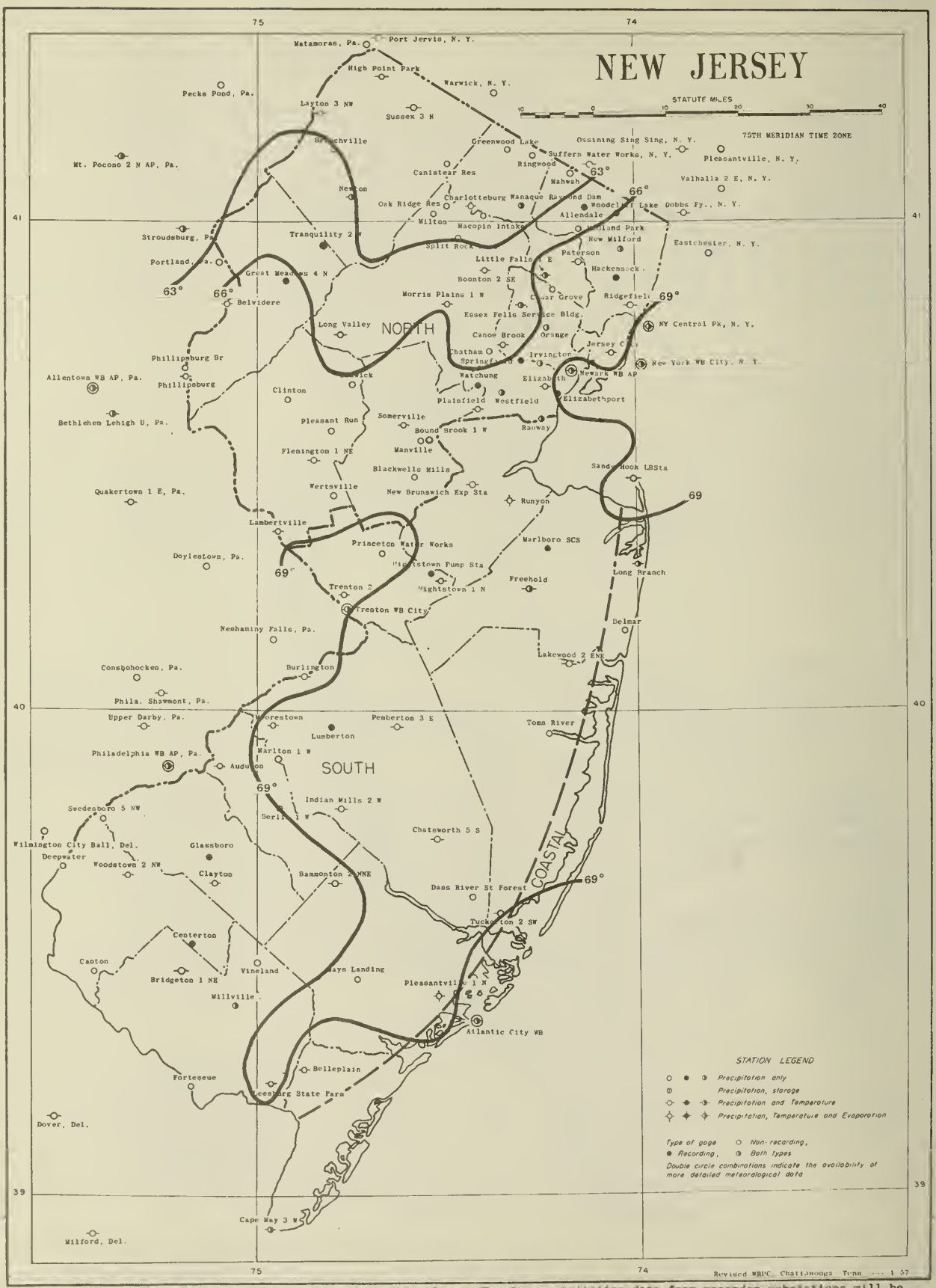
See reference notes following Station Index.

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MID	BERGEN COUNTY ENGS	C
#ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P	N.Y. FORESTRY SVC	3 7
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P	MRS. ED C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P	MISS C. S. MIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A	SAMUEL H. MC CULLEY	3
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A	HENRY M. MILLER	3
BOONTON 2 SE	0907	MORRIS	8	40 54	74 2A	280	8A	8A	JERSEY CITY WTR WKS	2 3 5
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	7A 33	20		8A	AMERICAN CYANAMID CO	3
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A	ALBERT M. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	39 28	75 25	20		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	N.WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	A1 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MORRIS	8	A0 A4	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 4A	74 32	90	5P	5P	WILLIAM S. MAINES	INAC 1/57
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A	JOHN LOPER	3
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. HOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	550		MID	MICHAEL OZYOWSKI JR.	C
GREENWOOD LAKE	3516	PASSAIC	8	A1 09	74 20	660		7A	GEORGE T. WIGGINS	3
HACKENSACK	3572	BERGEN	A	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1000	8A	8A	N. J. DEPT. OF CONS.	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	7A 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	MID	MID	GEORGE G. WADDILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5 7
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. M. DEPUE	2 3 5 7
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P	LEESBURG STATE FARM	2 3 5
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A	PASSAIC VLY WTR COMM	2 3 5 7 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID	STORM WARN. DSPL STA	2 3 5 7 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A	NEWARK WATER DEPT	3
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A	ROBERT G. GLASGOW	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P	DAVID GRISCOM	3
MAYS LANDING	5326	ATLANTIC	3	39 27	74 44	50		5P	ELMER EARLE	3 7
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		8A	RIDGEWOOD WATER CO.	3
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A	L. J. GALLAHER	2 3 5 7 C
MILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	39 58	7A 58	55	MID	8A	H. J. WILLARD	2 3 5 7
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	7A 26	80	5P	5P	ARTHUR H. AHLQUIST	2 3 5 7 G
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A	DAN A. COUGHLIN	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. DOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 A1	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5 7
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A	JOHN H. BERRYMAN	3
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID	PRINCETON WATER CO	3
RAHWAY	7393	UNION	9	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 7 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LASTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8196	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. MAYER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A	BRICE B. STANTON	2 3 5
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MID	H. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID	E. H. RISTOW	2 3 5
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P	REV EDWARD Q. MEGILL	2 3 5
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A	WATER SUPPLY COMM	3 7 C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MID	BONNIE BURN SAN.	C
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A	ROBERT H. MANNERS	3
#WESTFIELD	9455	UNION	9	40 39	74 21	138		5P	CITY ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 5 WSW	9910	SALEM	2	39 38	75 25	30	7A	7A	RAYMOND L. BLEW. JR.	2 3 5

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 8. Max and Min in Table 6 refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in the standard of time in local use. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- \- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5, is indicated by no entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.
- \+ And also on a later date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- \# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- G In the "Refer to Tables" column in the Station Index the letter "G" indicates that soil temperatures are published.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this stations, have been adjusted to represent the value for a full month.
- E Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Data".)
- T Trace, an amount too small to measure.
- ▼ Includes total for previous month.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, Annual for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWBC., Asheville, N. C. --- 11/1 57 --- 750

551.05
UNNJ

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

OCTOBER 1957
Volume LXII No. 10

THE LIBRARY OF THE
JAN 4 1959
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1957

WEATHER SUMMARY

GENERAL

The weather in October was cooler and drier than usual at a majority of the stations where comparisons could be made.

Temperature averages for all divisions were less than long-term values and ranged from - 1.5° in the Coastal Division to - 2.7° in the Northern and Southern Divisions. The maximum temperature for the month was 81° at Runyon on the 9th and at Little Falls 1 E on the 10th. Over two-thirds of the stations reported minimum temperatures that were freezing or below, but Runyon was lowest with 22° on the 13th.

Precipitation averages for all divisions were less than the long-term values, and slightly more than two-thirds of the stations for which comparative data are available showed minus departures from long-term means. Monthly totals ranged from 1.35 inches at Tuckerton to 4.77 inches at Cedar Grove. The greatest measurement on one day was 2.40 inches at Paterson on the 8th.

WEATHER DETAILS

As the month began temperatures were near the seasonal average, but cooler weather moved in with readings several degrees below average on the 3rd and 4th. The next noteworthy temperatures were on the 9th when averages were around 10 degrees above the seasonal level. The passage of a cold front on the 10th brought falling temperatures with rather noteworthy minus departures on the 11th, 12th, and 13th. Somewhat warmer weather was the rule for the period 15th-18th. This was followed by a few days of mostly cooler than average temperatures. Noticeably warmer than average weather prevailed on the 23rd and 24th. Colder weather moved in with slightly below average readings on the 25th, and well below the seasonal average on the 26th, 27th, and 28th. Temperatures began moderating on the 29th and rose to slightly above average for the season at most places on the 30th and 31st.

There were three periods during the month which accounted for most of the State's precipitation, the 6th-8th, 17th-19th, and the 24th. Most daily amounts during these periods were in the light to moderate category. Other amounts of precipitation which fell during the remainder of the month were insignificant, however it was noted that some stations reported very light snowfall on the 27th and 28th.

WEATHER EFFECTS

Most of the corn in New Jersey reached maturity before the killing frost in late September. Harvest became active about mid-October and was nearing completion by the end of the month as a result of the smaller acreage utilized for grain. Combining of soybeans began in late September and continued through October with few interruptions due to weather conditions. Harvest was practically completed by the end of the month. Considerable acreage originally planned for beans was harvested for hay or silage or abandoned. Harvest of the potato crop was mostly completed by mid-October. Digging of New Jersey sweet potatoes continued through October and is expected to be completed by November 10. Additional October rainfall aided in sizing tubers but caused considerable cracking. As harvest progressed growers found the set was lighter than they had expected.

The commercial apple crop is 20 percent above average. As the month ended the harvest of Romes was nearing completion and was expected to be finished soon. Most of the Romes moved into storage and marketings were increasing. Delicious and Stayman were also being marketed. The grape production was expected to be about average. Dairymen continued on their heavy winter feeding schedule while pastures provided some additional feed as a result of October rains.

DESTRUCTIVE STORMS

On the 6th, one yacht, a yawl and other small craft sank during a coastal storm which moved northward along the coast. Some minor flooding occurred at time of A. M. and P. M. high tides. Principal losses were due to wind damage.

FLOODS

The U. S. Geological Survey reported that streamflow continued deficient; the serious water shortage in northeast New Jersey, affecting some 1,500,000 persons, became steadily worse with the three largest reservoirs in the section down to about one-third capacity with 35-70 days' supply remaining. The reservoir supplying the city of Orange went dry October 30. The city can supply 75 percent of daily requirements from wells and purchase an additional 25 percent from neighboring East Orange. The level in the key well near Old Bridge continued to decline to a new low of record.

Franklin W. Long, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

SPECIAL NOTICE

A survey has indicated that the comprehensive narrative weather story carried in each issue of Climatological Data is of value to only a small number of recipients. This story will be discontinued, therefore, with the January 1958 issue. A table of extremes will be carried each month and a text will be carried whenever unusual and outstanding weather events have occurred. General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

CLIMATOLOGICAL DATA

TABLE 2

NEW JERSEY
OCTOBER 1957

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No of Days: 1.0 or More	5.0 or More	1.00 or More
NORTHERN																								
BELVIDERE		64.1	40.9	52.5	- 2.4	80	9	29	12+	382	0	0	6	0	3.08	- .33	1.02	8	.0	0		5	3	1
BOONTON 2 SE	AM	62.9	39.5	51.2	- 2.3	77	10	29	21+	425	0	0	7	0	3.34	.12	.93	7	.0	0		5	4	0
CANOE BROOK	AM	63.2	37.8	50.5	- 3.4	76	10	25	12	439	0	0	9	0	3.58	.34	1.14	7	.0	0		4	4	1
CHARLOTTEBURG	AM	61.4	35.5	48.5	- 4.2	76	10	25	12	506	0	0	16	0	3.87	.10	1.61	8	T	0		5	3	1
ELIZABETH		66.4	44.4	55.4	- 1.4	79	9	33	28	294	0	0	0	0	2.83	- .48	.93	8	.0	0		6	3	0
ESSEX FELLS SERV BLDG	AM	65.2	40.8	53.0		77	10+	29	12	368	0	0	5	0	2.97		1.02	7	.0	0				1
FLEMINGTON 1 NE		64.9	39.3	52.1	- 4.0	78	9	26	12	395	0	0	11	0	2.30	- .88	.64	8	T	0		5	1	0
HIGH POINT PARK		55.9	38.5	47.2		70	10	25	26+	544	0	0	9	0	3.95		1.65	8	T	T	27+	7	2	1
JERSEY CITY		61.7	47.0	54.4	- 2.6	76	9	34	27+	324	0	0	0	0	3.64	.66	1.25	7	.0	0		6	3	1
LAMBERTVILLE		65.1	41.0	53.1	- 2.5	79	9	30	12+	366	0	0	7	0	1.87	- 1.12	.45	7	.0	0		5	0	0
LAYTON 3 NW		61.0	35.1	48.1	- 3.6	78	9	23	28	516	0	0	14	0	3.05	- .32	1.40	8	.0	0		4	3	1
LITTLE FALLS 1 E	AM	65.4	40.6	53.0	- 2.6	81	10	30	27	365	0	0	5	0	4.17	.68	1.60	8	T	0		4	4	1
LONG VALLEY		64.4	37.6	51.0		77	9+	25	13	427	0	0	12	0	2.87	- .57			.0	0				0
MORRIS PLAINS		64.7	40.8	52.8		77	9+	28	21	375	0	0	8	0	3.38		.91	7	T	0		7	4	0
NEWARK WB AIRPORT	R	64.6	46.5	55.6	.0	80	9	34	28	289	0	0	0	0	2.13	- 1.07	.72	7	T	0		6	1	0
NEWTON	AM	61.1	36.4	48.8	- 4.1	76	10	25	12+	497	0	0	13	0	2.76	- .67	.75	8+	.0	0		5	3	0
PATERSON	AM	64.6	41.5	53.1	- 3.2	77	10	30	28	360	0	0	3	0	4.47	1.21	2.40	8	.0	0		5	4	1
PHILLIPSBURG		65.4	42.0	53.7	1.5	78	9+	31	13+	343	0	0	3	0	2.84	- .65	.94	8	.0	0		6	2	0
PLAINFIELD		65.5	42.2	53.9	- 2.0	80	9	31	13+	340	0	0	5	0	3.17	- .15	1.22	6	.0	0		6	3	1
RIDGEFIELD		63.9	44.5	54.2	- 1.4	77	9	33	12+	327	0	0	0	0	4.12	.76	1.33	8	.0	0		6	3	1
SOMERVILLE		64.6	40.8	52.7	- 2.8	79	9	27	28	379	0	0	8	0	2.33	- .95	.64	8	.0	0		5	1	0
SUSSEX 3 N	AM	61.3	35.6	48.5	- 5.1	76	10	25	12+	508	0	0	13	0	3.33	.13	1.56	8	T	0		5	2	1
DIVISION				52.0	- 2.7										3.18	- .13			T					
SOUTHERN																								
AUDUBON		64.9	44.5	54.7		78	9	33	13	314	0	0	0	0	2.71		1.20	6	T	0		3	3	1
BELLEPLAIN		66.3	40.0	53.2		75	9+	28	13+	361	0	0	6	0	2.10	- 1.54	1.40	6	.0	0		5	1	1
BRIDGETON 1 NE	AM	64.8M	43.0M	53.9M	- 3.4	75	10	31	21+		0	0	3	0	2.37	.75	1.09	19	.0	0		3	2	1
BURLINGTON		66.3M	45.5M	55.9M	- 2.1	79	9	34	26+	280	0	0	0	0	2.27	- 1.05	.63	6+	.0	0		6	2	0
CLAYTON		64.1	44.2	54.2		77	1+	33	28	331	0	0	0	0	3.36		.84	7	T	0		7	3	0
FREEHOLD		65.1	43.8	54.5	- 1.6	77	9	30	12	319	0	0	2	0	2.56	- .96	1.03	6	T	0		6	1	1
HAMMONTON 2 NNE	AM	66.3	43.0	54.7	- .6	77	10	32	28	314	0	0	1	0	2.23	- 1.44	.94	25	.0	0		4	2	0
HIGHTSTOWN 1 N		64.8	42.4	53.6	- 2.4	79	9	31	12+	350	0	0	6	0	2.53	- .74	.60	6	T	0		6	1	0
INDIAN MILLS 2 W		65.1	40.2	52.7	- 3.4	77	9	27	13	379	0	0	7	0	2.99	- .36	1.10	6	.0	0		5	2	1
LAKEWOOD 2 ENE		65.0	41.4	53.2	- 2.3	79	9	30	12+	359	0	0	6	0	2.51	- 1.40	1.25	24	T	0		5	2	1
LEESBURG STATE FARM		64.5	42.4	53.5		75	9	30	13+	351	0	0	4	0	2.34		1.01	6	.0	0		5	2	1
MILLVILLE	AM	64.5	43.1	53.8		77	10	32	28	338	0	0	1	0	2.73		1.08	6	.0	0		3	3	1
MOORESTOWN		64.2	43.0	53.6	- 2.3	76	9	31	13	346	0	0	2	0	2.60	- .40	.95	6	.0	0		4	3	0
NEW BRUNSWICK EXP STA		64.7	43.9	54.3	- 1.9	77	9	31	28	323	0	0	2	0	2.03	- 1.09	.48	7	T	0		6	0	0
PEMBERTON 3 E		66.9	40.9	53.9	- 3.1	79	9	26	13	337	0	0	8	0	2.64	- .58	.91	6	.0	0		6	2	0
PLEASANTVILLE 1 N	AM	64.0	40.0	52.0	- 4.6	77	10	29	26	394	0	0	3	0	1.97	- 1.44	.55	7	.0	0		7	1	0
RUNYON		67.7	38.5	53.1	- 1.5	81	9	22	13	360	0	0	10	0	3.11	- .26	.70	6+	.0	0		6	4	0
TRENTON 2		64.5	44.8	54.7		76	9	33	26+	316	0	0	0	0	2.49	- .76	.94	24	T	0		5	2	0
TRENTON WB CITY	R	63.1	46.3	54.7	- 1.4	77	9	33	26	311	0	0	0	0	1.95	- .70	.73	24	T	0		4	2	0
TUCKERTON		64.2	42.4	53.3		75	9	29	28	356	0	0	6	0	1.35		.70	6	.0	0		5	1	0
WOODSTOWN 5 WSW	AM			M		76	9				0	0		0			1.12	19						1
DIVISION				53.9	- 2.7										2.45	- .82			T					
COASTAL																								
ATLANTIC CITY WB	R	63.0	50.0	56.5	- 1.5	74	9	33	28	258	0	0	0	0	1.62	- 1.59	.68	6	.0	0		5	1	0
CAPE MAY 3 W		64.7M	50.3M	57.5M		72	3	37	13+	228	0	0	0	0	1.62		.87	6	.0	0		4	1	0
LONG BRANCH		62.8	45.6	54.2	- 2.0	75	9	33	28	326	0	0	0	0	4.27	.77	2.29	7	.0	0		5	3	1
SANDY HOOK LBSTA		65.7	49.5	57.6	- .4	75	8+	35	28	226	0	0	0	0	3.47	.60	1.23	8	.0	0		6	3	1
DIVISION				56.5	- 1.5										2.75	- .35			.0					

† DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
OCTOBER 1957

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB R	1.62					T	.68	.11	.01										.47						.23		T	.12			T	T
AUDUBON	2.71						1.20	T										T	.61					T	.90			T				
BASS RIVER ST FOREST	1.91	.09					.96												.40						*	*		.46				
BELLEPLAIN	2.10						1.40		.10											.20					.30	.10						
BELMAR	3.49	T				T	.84	1.30											.43				T		.87			.05	T			
BELVIDERE	3.08						.12	.28	1.02										.85	.09					.72			T				
BERLIN 1 W	3.37						T	1.10	.55											.62						1.10						
BLACKWELLS MILLS	2.86		T					.73	.69	.03							T		.03	.77	.02					.59						
BOONTON 2 SE	3.34							.93	.82	.17									T	.74						.68						T
BOUND BROOK 1 W	2.57							.93	.48	.01									.01	.67					.01	.46						
BRANCHVILLE	2.91							.33	.94	.16									.07	.66					T	.75						T
BRIDGETON 1 NE	2.37	.03	.02				.40	.06	.02											1.09						.75						
BURLINGTON	2.27	.02					.63	.13	.10										.40	.08					.63	.28						
CANISTEAR RESERVOIR	4.14							.63	1.91	.29									.04	.41					T	.84			T			.02
CANOE BROOK	3.58							1.14	.82	.05									T	.76						.79			.01			.01
CANTON	3.45	.18					.15	1.17	.07											1.01						.87						
CAPE MAY 3 W	1.62	.04				.01	.87	.06	.02										.28					.02	.19	.01		.12				
CEDAR GROVE	4.77							1.25	1.66	.06										.94						.86						
CHARLOTTEBURG	3.87							.94	1.61	.25									.03	.38						.66			T			
CHATHAM	3.13							1.07	.82	.05									.01	.63						.55			T			T
CLAYTON	3.36						.65	.84	.14										.45	.10					.80	.38	T	T				T
CLINTON	2.39						.18	.44	.74									.02	.25	.23					.40	.13						
DEEPWATER	2.22						.39	.03	.08										.41	.39					.92							
ELIZABETH	2.83						.31	.52	.93									.01	.01	.70					.20	.15						
ELIZABETHPORT	2.42						.60	.66	.20	T									.38	.12					.46						T	
ESSEX FELLS SERV BLDG	2.97							1.02	*	.89									T	.55						.51						
FLEMINGTON 1 NE	2.30	T					.30	.46	.64									T	.40	.02					.44	.03		T	T		T	.01
FORTESCUE	1.81	.20					.38	.20	.05											.83						.05		.10				
FREEHOLD	2.56						1.03	.12	.40											.20					.45	.36		T	T			
GREENWOOD LAKE	4.26							.50	2.18	.26									.05	.57						.70			T			T
HAMMONTON 2 NNE	2.23						.23	.69	.08										.01	.23	.01					.94		.03				.01
HIGH POINT PARK	3.95							.44	1.65	.45									.10	.80					.18	.31		T	.02			
HIGHTSTOWN 1 N	2.53						.60	.42	.41									T	T	.35					.36	.39		T	T			T
INDIAN MILLS 2 W	2.99	T					1.10	.08	.02										.36	.16					.80	.46		.01				T
IRVINGTON	2.93						.72	.61	.34										.53	.02					.71							
JERSEY CITY	3.64						.59	1.25	.80										.35	.20					.45				T			
LAKEWOOD 2 ENE	2.51						.35	.50	.10									T	.27	.01					1.25			.03	T		T	T
LAMBERTVILLE	1.87						.25	.45	.31									T	T	.40					.44	.02						
LAYTON 3 NW	3.05						.04	.16	1.40									.01	.60	.05					.78							.01
LEESBURG STATE FARM	2.34	.04					1.01		.03										.03	.20					.20	.70		.12				.01
LITTLE FALLS 1 E	4.17							.98	1.60	.08	T								.02	.89						.60			T			T
LONG BRANCH	4.27						.70	2.29	.10									T	.33						.81			T	.03			.01
LONG VALLEY	2.87						.65	.50	.27										*	.60					*	.82						.03
MACOPIN INTAKE	4.37							1.03	1.74	.31									.03	.38						.86			.02			
MAHWAH	3.64							.56	1.31	.34									.01	.86	T					.56			T			T
MANVILLE	2.91						.96	.30	.30										.83	.02					.50						T	
MARLTON 1 W	2.69						1.22	.22											.20	.13					.92							
MAYS LANDING	1.70					.01	1.29			.08															.10			.12				.10
MIDLAND PARK	4.19							.63	2.20										T	.80					T	.55						.01
MILLVILLE	2.73						1.08	.01	.04										T	.66					T	.90		.04				
MILTON	3.48							.73	1.14	.18									.06	.44				.02	.69	.19						.03
MOORESTOWN	2.60	.04					.95	.15	T											.60						.86						T
MORRIS PLAINS	3.38						.23	.91	.75	.05									.12	.53					.51	.26		T				.02
NEWARK WB AIRPORT R	2.13						.24	.72	.38	T								T	.29	.10					.40	T		T	T		T	T
NEW BRUNSWICK EXP STA	2.03						.47	.48	.47									T	.19	.10					.32			T				
NEW MILFORD	3.40						.54	.62	1.20										.46	.18					.40							
NEWTON	2.76							.32	.75	.23								.04	.64						.03	.75						
OAK RIDGE RESERVOIR	3.70							.85	1.31	.25									.05	.50						.73			.01			
OLDWICK	2.34							.71	.60	.06									.01	.42					T	.53						.01
ORANGE	3.62						.87	1.20	.06										*	.71					.76							.02
PATERSON	4.47							.68	2.40	.09									.10	.69						.51			T			T
PEMBERTON 3 E	2.64	.04					.91	.23	.16										.01	.35					.38	.56						
PHILLIPSBURG	2.84						T	.18	.94	.05								T	.45	.60					.30	.32						
PHILLIPSBURG BRIDGE	2.93							.21	.92	.10									.10	1.00					.03	.57						
PLAINFIELD	3.17						1.22	.20	.61									T	.27	.20					.67							T
PLEASANT RUN	2.45							.72	.70	.04									.12	.33						.47						.07
PLEASANTVILLE 1 N	1.97	.40					.30	.55	.10	.03									.01	.23					T	.20		.15				
PRINCETON WATER WORKS	2.65						1.02	.21	.14										.51						.77							
RAHWAY	2.54						.70	.53	.20									T	.54	.05					.52				T			
RIDGEFIELD	4.12						.75	.85	1.33									T	.48	.23					.48			T			T	
RINGWOOD	4.06							.53	1.98	.22					T				T	.71					T	.62			T			
RUNYON	3.11						.70	.34	.60											.61					.16	.70						
SANDY HOOK LBSTA	3.47	.01					.30	.44	1.23											.50					.16	.83						
SOMERVILLE	2.33						.43	.37	.64	.02									.35	.06					.40	.06						
SPLIT ROCK POND	3.68							.96	1.16	.33										.52						.70					.01	
SUSSEX 3 N	3.33							.30	1.56	.39									.08	.51					.01	.43			.01			.04
SWEDESBORO 5 NW	2.87	.04	.01				.20	.80	.04						T	T	.01	T	.41	.45		T		.01	.12	.78	T					
TOMS RIVER	2.44						.88	.17	.44										.16						.16	.63						
TRENTON 2	2.49						.81	.15	.17										.42						.94			T			T	
TRENTON WB CITY R	1.95						.63	.15	.08									T	.36	T					.73			T			T	
TUCKERTON	1.35						.70		.10											.25					.10			.20				
VINELAND	3.15	.35					.26	.54	.05											.72						1.20		.03				T
WANAQUE RAYMOND DAM	4.50							.66	2.18	.26									.02	.80						.58						T
WERTSVILLE	2.24		T					.81	.43	T									T	.41					T	.58	.01					T
WESTFIELD	3.35						1.19	.37	.49										.49	.03					.74	.02			.01		.01	
WOODCLIFF LAKE	3.48						.58	.32	1.16										.78	.08					.56							
WOODSTOWN 5 WSW	–	.01						.60	.30											1.12				–	–	–	–	–	–	–	–	–

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed: Fastest mile	Wind speed: Direction of fastest mile	Wind speed: Date of fastest mile	Relative humidity averages - percent: 1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Number of days with precipitation: Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB	–	–	16.5	65	NE	6	–	–	–	–	4	1	4	1	0	0	10	64	5.7
LONG BRANCH	NW	22	14.3	63	NE	6	–	76	61Ø	60	2	3	1	2	0	1	9	64	5.2
NEWARK WB AIRPORT	NNW	13	10.1	35++	E	6	74	76	51	63	7	0	5	1	0	0	13	–	5.7
TRENTON WB CITY	–	–	9.0	34	NW	20	–	–	–	–	4	1	2	2	0	0	9	56	5.6

Ø 12:00 Noon

See Reference Notes Following Station Index

Table 5

DAILY TEMPERATURES

NEW JERSEY
OCTOBER 1957

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	66	72	65	62	62	67	66	67	74	73	61	56	65	64	70	69	65	69	59	63	57	63	66	65	62	48	43	50	61	61	63	63.0
	MIN	57	57	49	49	60	61	60	57	58	58	44	40	41	45	50	49	60	59	42	41	43	51	56	62	43	39	36	33	41	55	54	50.0
AUDUBON	MAX	70	74	66	66	68	64	71	68	78	71	59	60	66	68	72	73	68	66	58	62	63	68	73	65	62	47	44	51	62	63	67	64.9
	MIN	51	49	47	45	51	50	54	58	60	52	45	38	33	38	40	41	45	57	40	44	34	37	47	60	43	35	35	35	36	38	43	44.5
BELLEPLAIN	MAX	66	72	74	65	61	68	69	68	75	72	60	61	66	68	71	74	71	73	70	52	65	70	75	72	65	52	49	51	62	62	65	66.3
	MIN	52	45	43	36	45	47	47	51	55	47	32	33	28	32	34	35	39	55	44	35	28	32	39	50	47	35	33	28	35	35	43	40.0
BELVIDERE	MAX	71	74	67	67	70	63	65	64	80	70	61	63	67	68	74	73	64	62	60	62	62	65	67	63	61	46	42	51	62	57	65	64.1
	MIN	45	44	37	38	45	48	55	55	54	48	37	29	29	33	34	37	41	55	49	42	30	34	47	58	42	31	31	30	36	36	39	40.9
BOONTON 2 SE	MAX	68	71	70	64	65	67	62	62	63	77	66	58	59	64	65	74	73	63	70	56	59	63	64	67	63	54	48	44	49	62	59	62.9
	MIN	40	42	36	40	42	49	53	56	57	51	42	30	35	36	33	34	37	37	50	45	29	31	31	47	43	31	29	32	34	34	37	39.5
BRIDGETON 1 NE	MAX	61	69	72	63			66	70	65	75	70				66	69	70		68		61	61	61	72	63	54			50	58	61	64.8
	MIN	51	51	44	43			47	53	56	52				32	36	37	42		50		31	35	41	49	48			31	36	40	40	43.0
BURLINGTON	MAX		75	71	65	64	62	70	70	79	74	66	64	64	68	72	74	67	67	64	60	60	68	73	69	62	50		52	62	64	67	66.3
	MIN	51	52	46	46	53	53	55	57	58	55	42	37	38		39	41	44	54	37	44	45	38	47	61	47	34		34	34	34	44	45.5
CANOE BROOK	MAX	67	73	71	64	64	67	59	61	63	76	68	59	60	63	65	73	73	64	70	57	60	63	66	69	63	55	48	44	49	63	62	63.2
	MIN	44	39	33	33	37	46	54	56	52	44	33	25	26	32	34	33	39	42	51	46	27	31	38	48	44	28	27	33	32	29	37	37.8
CAPE MAY 3 W	MAX	66	71	72		63	68	70	70	71	70	65		62		67	66	68	70			61	64	69	65	64	54	49	50	60	62	66	64.7
	MIN	59	59		48	53	58	58	57	58	61		42	37		47	51	56			49	46	47	56	61	52	38	37	40	46	46	46	50.3
CHARLOTTEBURG	MAX	66	71	68	63	64	67	63	64	62	76	65	56	58	63	65	72	72	61	61	54	58	61	65	65	61	52	46	41	45	62	56	61.4
	MIN	38	38	32	38	41	43	50	50	54	45	36	25	26	27	27	28	31	37	47	42	26	26	27	50	42	30	29	28	29	28	32	35.5
CLAYTON	MAX	77	77	70	62	65	62	70	66	76	69	61	58	63	66	69	69	67	66	62	61	61	64	71	64	64	48	44	49	58	62	67	64.1
	MIN	50	47	46	45	49	52	53	56	57	53	42	34	34	38	39	39	44	59	50	40	34	37	44	54	48	34	35	33	37	42	44	44.2
ELIZABETH	MAX	72	71	67	68	70	61	62	65	79	74	72	64	67	68	76	76	68	70	66	65	64	67	72	68	63	50	46	51	65	64	66	66.4
	MIN	50	51	41	45	56	52	54	56	56	47	40	34	36	42	38	41	44	57	50	43	36	36	46	61	44	35	35	33	34	37	46	44.4
ESSEX FELLS SERV BLDG	MAX	70	74	68	70	67	70	74	66	72	77	67	61	60	65	67	76	77	70	65	64	64	58	64	68	64	54	55	50	46	58	60	65.2
	MIN	48	40	34	36	44	46	58	59	60	48	37	29	38	42	44	41	45	48	45	41	32	34	37	39	42	32	30	31	33	35	38	40.8
FLEMINGTON 1 NE	MAX	73	73	64	67	70	61	65	66	78	76	59	60	65	68	74	75	63	65	65	61	64	67	71	67	63	48	44	50	62	62	66	64.9
	MIN	42	41	37	36	49	50	49	50	56	48	40	26	28	31	32	35	37	53	48	42	28	29	42	58	44	30	31	31	28	30	36	39.3
FREEHOLD	MAX	70	72	68	64	67	62	67	71	77	70	60	60	63	67	71	74	69	73	67	57	62	68	71	68	61	53	45	48	63	64	65	65.1
	MIN	49	47	42	42	52	54	52	52	56	51	38	30	34	38	40	43	46	57	50	41	34	39	47	57	47	34	34	31	36	38	48	43.8
HAMMONTON 2 NNE	MAX	63	72	74	65	68	67	66	74	69	77	72	59	63	66	68	72	76	75	73	64	63	65	70	74	65	56	50	45	51	62	71	66.3
	MIN	52	51	43	42	46	51	50	53	57	54	41	34	35	40	40	42	48	42	52	39	35	37	38	48	48	33	34	32	34	37	45	43.0
HIGH POINT PARK	MAX	61	65	61	56	56	60	59	55	57	70	58	49	58	58	60	62	62	57	59	47	56	56	62	61	57	43	37	34	43	57	58	55.9
	MIN	47	44	33	34	41	45	48	49	49	46	34	28	31	34	43	44	46	49	42	32	36	31	41	51	30	25	26	25	29	37	44	38.5
HIGHTSTOWN 1 N	MAX	70	75	67	64	65	61	67	70	79	72	60	60	65	66	72	75	67	70	61	63	63	68	70	66	62	48	44	49	62	64	65	64.8
	MIN	48	45	40	42	48	52	50	54	56	49	38	31	31	35	36	40	42	56	49	41	31	35	47	60	45	32	32	31	34	40	43	42.4
INDIAN MILLS 2 W	MAX	71	72	65	67	68	63	72	67	77	71	59	60	63	69	72	75	68	71	60	62	64	69	73	65	62	49	44	49	60	63	68	65.1
	MIN	48	46	39	34	46	54	49	56	56	47	34	29	27	30	32	33	40	57	48	33	28	31	40	61	44	33	33	29	34	34	40	40.2
JERSEY CITY	MAX	70	72	63	60	64	60	62	63	76	67	58	59	62	65	72	69	63	66	57	60	57	65	63	59	63	45	43	49	61	60	60	61.7
	MIN	55	51	45	46	50	54	56	55	57	55	43	36	39	47	45	47	52	58	45	46	41	42	50	55	46	35	34	34	40	46	53	47.0
LAKEWOOD 2 ENE	MAX	72	74	67	63	64	63	72	65	79	74	62	59	66	69	72	74	68	72	61	65	60	65	72	64	60	45	43	50	64	64	68	65.0
	MIN	51	45	38	40	54	55	47	53	53	49	36	30	30	36	35	41	38	56	41	38	30	30	46	57	38	37	34	31	32	35	46	41.4
LAMBERTVILLE	MAX	70	73	70	66	68	62	68	68	79	74	62	60	65	68	74	73	65	65	63	61	63	66	70	67	61	47	45	51	63	62	68	65.1
	MIN	46	43	39	35	49	50	50	55	53	47	37	30	30	34	35	37	40	55	51	39	31	34	45	60	45	32	31	32	31	36	38	41.0
LAYTON 3 NW	MAX	72	70	65	63	67	64	62	60	78	67	56	60	65	67	67	74	80	55	58	58	61	55	65	62	60	45	40	50	50	55	60	61.0
	MIN	38	38	28	28	36	41	53	54	49	39	34	24	26	30	30	30	35	43	40	40	24	28	44	53	39	26	25	23	26	28	35	35.1
LEESBURG STATE FARM	MAX	65	67	68	65	64	62	70	68	75	73	69	71	64	67	68	68	68	67	66	63	60	65	69	68	62	50	48	49	57	59	64	64.5
	MIN	55	54	45	34	46	57	49	52	50	50	41	35	30	34	35	35	41	58	51	37	30	33	39	59	48	31	34	31	37	36	46	42.4
LITTLE FALLS 1 E	MAX	69	74	73	68	66	70	65	63	63	81	69	61	63	68	68	76	74	66	71	58	63	64	67	70	65	58	49	46	51	65	64	65.4
	MIN	42	44	37	39	44	50	56	56	53	49	39	31	31	36	34	38	39	42	50	44	31	33	36	52	44	33	30	32	38	35	41	40.6
LONG BRANCH	MAX	71	70	63	61	63	62	64	70	75	68	56	59	63	64	72	72	67	71	59	60	57	64	68	65	56	46	44	46	64	64	64	62.8
	MIN	50	48	47	48	54	55	57	54	56	54	40	36	36	39	40	47	44	59	44	40	35	38	47	59	46	39	37	33	37	46	50	45.6
LONG VALLEY	MAX	71	74	66	65	66	66	64	62	77	68	60	59	65	66	77	73	65	66	59	60	62	65	66	65	62	47	52	55	66	62	64	64.4
	MIN	41	42	33	34	40	48	56	54	52	44	35	26	25	30	28	32	38	51	48	40	28	27	42	52	42	30	29	27	30	29	34	37.6
MILLVILLE	MAX	63	69	73	64	68	67	67	72	66	77	71	60	60	64	67	70	72	69	70	56	62	62	67	73	70	55	49	45	50	60	63	64.5
	MIN	52	54	46	44	48	53	51	55	57	52	43	34	35	38	39	40	43	46	50	41	34	35	36	43	49	36	33	32	33	39	45	43.1
MOORESTOWN	MAX	68	73	65	66	68	64	70	67	76	70	58	60	64	68	72	73	67	66	56	62	63	67	72	65	61	45	44	50	61	62	68	64.2
	MIN	49	48	42	42	51	52	54	57	56	47	40	36	31	37	39	40	41	56	43	43	32	35	46	60	37	34	36	34	37	37	41	43.0
MORRIS PLAINS	MAX	71	70	70	64	64	64	60	62	77	77	62	60	65	67	74	75	73	68	65	60	63	65	69	66	63	53	45	50	64	58	63	64.7
	MIN	42	42	36	42	47	49	54	55	57	55	40	33	30	39	32	35	36	52	49	44	28	30	44	56	42	32	30	32	33	32	37	40.8
NEWARK WB AIRPORT	MAX	73	73	67	64	67	62	64	65	80	69	60	61	66	68	75	73	65	69	59	62	64	68	70	66	61	48	45	50	63	64	62	64.6
	MIN	51	51	47	46	49	50	58	56	59	52	45	38	39	45	44	47	50	57	46	45	39	42	50	60	38	35	36	34	39	43	51	46.5
NEW BRUNSWICK EXP STA	MAX	70	72	72	63	65	63	63	67	77	75	62	59	64	65	72	73	66	70	67	60	61	65	69	69	63	51	45	50	61	63	63	64.7
	MIN	49	45	43	43	48	52	57	55	57	52	40	34	35	40	38	40	43	56	50	43	36	35	46	60	44	32	34	31	38	39	46	43.9
NEWTON	MAX	66	70	70	63	61	65	63	61	61	76	64	56	61	64	65	72	72	60	66	54	57	61	64	65	64	44	42	41	48	61	56	61.1
	MIN	40	35	35	31	39	43	51	52	54	43	40	25	25	28	28	31	34	36	48	43	29	29	30	50	41	31	28	30	34	30	36	36.4
PATERSON	MAX	67	73	72	65	63	67	65	62	64	77	70	60	62	65	68	73	74	66	70	59	63	62	69	70	65	58	48	48	49	65	64	64.6
	MIN	46	46	41	42	44	46	51	55	55	52	40	35	35	42	38	41	42	43	50	43	34	37	38	50	42	32	31	30	33	33	41	41.5
PEMBERTON 3 E	MAX	70	75	73	66	68	63	71	70	79	76	64	56	61	64	65	75	69	72	69	65	63	69	74	68	63	51	48	51	62	64	68	66.9
	MIN	47	46	38	36	48	54	51	56	55	46	35	30	26	30	32	34	42	58	45	38	29	32	43	60	46	32	34	30	35	38	43	40.9
PHILLIPSBURG	MAX	71	72	73	66	67	67	67	66	78	78	66	60	64	66	73	72	60	63	63	61	61	66	68	68	62	55	56	52	59	60	68	65.4
	MIN	44	47	40	37	45	52	53	56	54	50	38	37	31	33	36	37	42	55	49	42	31	34	46	59	44	34	31	33	36	36	39	42.0
PLAINFIELD	MAX	71	75	68	67	69	63	65	65	80	72	64	63	65	69	75	75	65	72	61	64	62	68	70	64	60	49	46	52	64	64	65	65.5
	MIN	45	42	40	41	46	49	58	56	56	49	40	32	31	36	34	38	40	60	51	43	31	33	44	59	46	32	33	32	35	34	42	42.2
PLEASANTVILLE 1 N	MAX	68	68	71	65	65	67	65	70	67	77	72	58	58	64	66	71	72	69	73	56	62	60	65	69	64	57	49	43	49	61	64	64.0
	MIN	55	54	44	38	38	40	45	45	45	45	42	34	31	33	37	39	40	42	52	36	34	33	34	47	44	29	34	30	38	35	47	40.0
RIDGEFIELD	MAX	72	72	65	68	69	62	62	64	77	68	59	59	65	65	75	72	68	71	60	62	60	67	68	63	59	48	45	49	65	63	60	63.9
	MIN	48	46	39	43	50	50	57	56	54	51	48	33	34	41	39	42	45	57	45	44	35	39	51	60	45	35	33	34	36	41	50	44.5

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RUNYON	MAX	71	76	69	65	77	61	61	71	81	74	65	64	68	74	77	73	69	73	69	68	64	69	73	64	69	60	46	52	64	68	64	67.7
	MIN	58	50	40	34	42	52	48	55	46	42	35	24	22	27	28	34	36	52	54	28	26	25	42	49	40	34	32	31	36	31	40	38.5
SANDY HOOK L8STA	MAX	71	72	70	64	65	65	68	75	75	75	66	66	70	69	70	69	69	68	68	65	60	66	70	65	58	56	47	52	60	61	63	65.7
	MIN	55	55	49	50	54	55	59	57	59	57	46	51	42	53	49	51	51	60	52	46	46	47	52	50	40	38	38	35	41	45	52	49.5
SOMERVILLE	MAX	72	75	69	66	69	60	65	65	79	71	60	60	65	67	74	74	64	70	63	62	61	66	69	65	62	46	46	50	62	61	66	64.6
	MIN	44	40	37	41	49	50	57	55	56	48	38	29	29	35	34	36	38	55	51	42	30	31	44	59	44	30	32	27	30	33	40	40.8
SUSSEX 3 N	MAX	65	70	65	62	65	66	64	58	62	76	63	56	60	64	66	72	73	61	66	53	58	60	65	64	62	51	44	41	48	63	57	61.3
	MIN	39	43	35	35	33	42	45	50	52	45	38	25	25	28	30	30	35	37	48	40	30	29	31	48	38	25	26	28	28	32	33	35.6
TRENTON 2	MAX	71	73	64	65	69	63	69	72	76	71	59	60	64	67	72	73	67	69	59	61	61	67	71	64	61	47	45	49	62	63	67	64.5
	MIN	51	49	45	44	51	52	53	55	58	52	42	35	36	41	40	44	44	57	46	42	38	37	49	60	39	33	34	33	38	45	45	44.8
TRENTON W8 CITY	MAX	69	71	63	62	65	62	66	67	77	69	58	59	63	65	72	72	66	68	57	60	61	65	70	64	61	45	43	49	61	62	64	63.1
	MIN	52	52	46	45	52	53	53	56	60	51	44	38	39	44	44	47	47	57	46	45	40	42	49	60	38	33	36	34	38	45	49	46.3
TUCKERTON	MAX	70	70	67	62	63	67	69	68	75	72	64	55	64	65	69	72	70	71	65	65	58	65	70	63	63	50	44	49	60	61	65	64.2
	MIN	54	50	41	39	54	58	46	55	56	51	37	32	31	36	34	38	38	56	51	37	32	31	40	58	48	36	32	29	36	33	45	42.4
WOODSTOWN 5 WSW	MAX	68	72	72	68	71		71	65	76	70	59	60	64	64	69	69	68	65	65	63	64	66										
	MIN	50	50	44	42	44			62	53	48	40	34	30	35	35	42	42	55	52	42	36	38										

Table 6

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
CANOE BROOK	EVAP	.05	.04	.13	.10	.08	*	*	.12	.02	.11	.13	.06	.07	.09	.03	.07	.04	.01	.10	*	*	.26	.09	.06	–	–	–	–	–	.07	.03	B2.10
	WIND	0	3	6	19	7	10	24	1	1	6	22	20	3	7	1	2	1	1	9	53	28	1	3	4	16	14	24	1	28	7	1	323
PLEASANTVILLE 1 N	EVAP	.02	.07	.14	.11	.08	.04	.18	.09	.01	.11	.18	.14	.08	.08	.09	.08	.09	.04	.04	.17	.16	.06	.08	.08	.01	.05	.05	.06	.02	.07	.01	2.49
	WIND	12	21	34	27	38	59	48	12	22	24	33	33	16	20	14	23	2	11	44	64	68	14	16	42	22	9	41	131	63	32	3	998

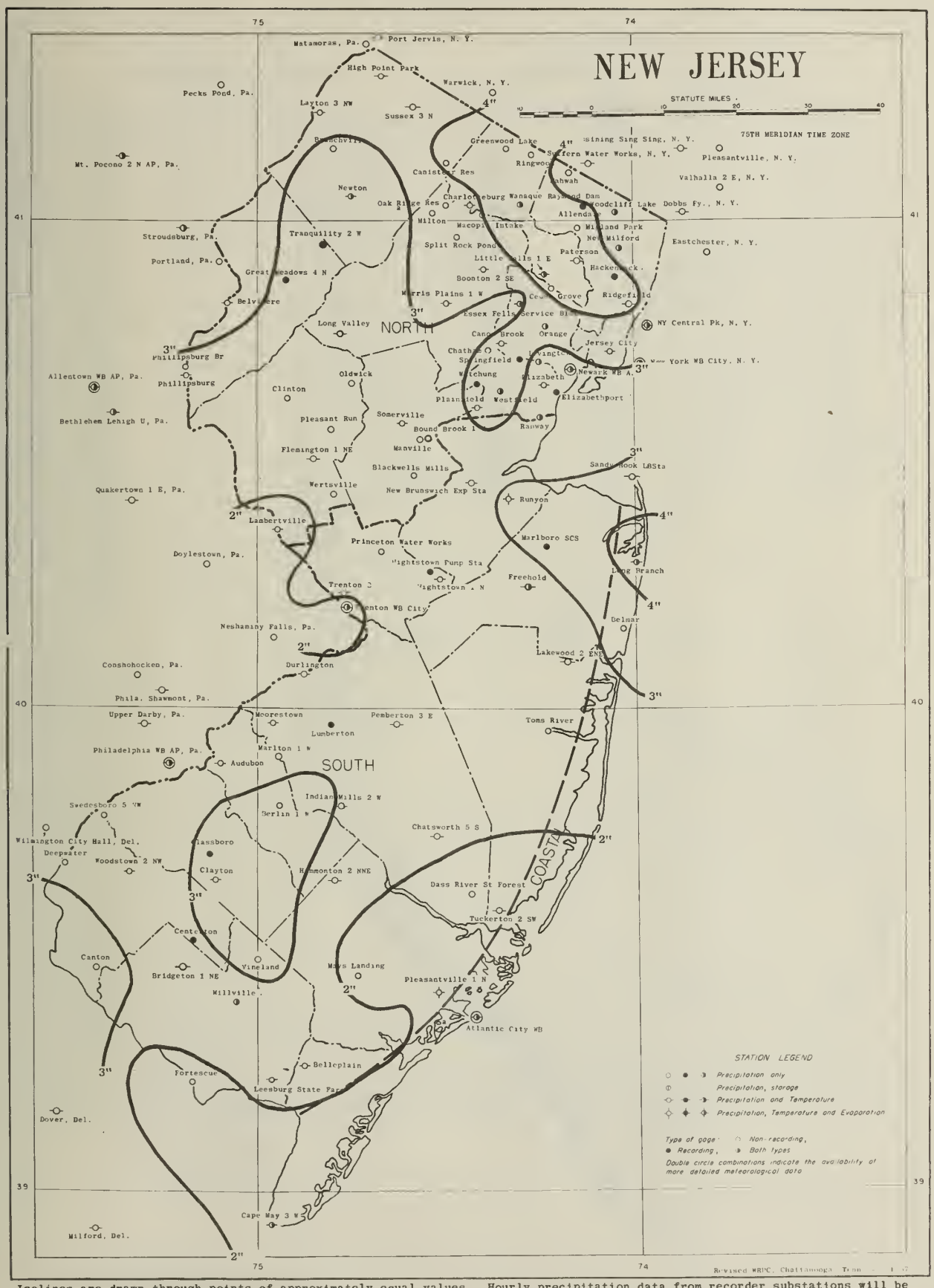
DAILY SOIL TEMPERATURES

Station And Depth		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW 8RUNSWICK EXP STATION																																	
MEA5URED UNDER 50D																																	
1 INCH	MAX	63	68	68	60	64	58	61	64	70	66	62	62	62	59	62	62	57	60	60	58	58	58	58	58	59	50	49	50	54	52	55	59.7
	MIN	53	53	51	50	53	54	57	58	59	55	49	46	45	46	46	47	49	55	51	48	45	44	50	55	48	44	45	43	43	44	46	49.5
2 INCHES	MAX	61	64	62	59	60	58	60	62	65	63	59	57	57	56	57	58	56	59	59	56	55	55	56	57	57	50	48	51	50	50	53	57.1
	MIN	55	56	54	53	55	55	57	58	60	57	52	49	48	49	48	49	50	55	53	51	47	46	51	55	50	46	46	44	44	45	47	51.2
4 INCHE5	MAX	61	63	62	59	60	58	60	62	65	63	59	57	57	56	57	57	56	59	58	56	55	55	56	57	57	50	48	48	50	50	52	57.0
	MIN	56	56	54	54	55	55	58	58	60	58	54	50	49	50	48	50	51	55	54	51	48	47	51	55	51	47	46	45	44	45	47	51.8
8 INCHE5	MAX	61	61	60	59	59	59	60	60	62	61	60	57	55	55	55	55	56	58	58	56	54	54	55	57	57	54	51	49	50	50	52	56.5
	MIN	58	59	58	56	57	57	58	59	60	60	57	54	52	52	52	53	53	56	56	54	51	51	53	55	54	50	49	48	47	48	49	54.1
16 INCHE5	MAX	61	61	61	60	60	59	60	60	61	61	60	59	57	56	56	56	56	57	58	57	56	55	55	57	57	56	54	52	51	51	52	57.2
	MIN	60	60	60	59	59	58	59	60	60	60	59	57	56	55	54	54	55	56	57	56	54	54	54	55	56	54	52	50	50	50	51	56.0
32 INCHE5	MAX	63	63	62	62	61	61	61	61	61	61	61	60	60	59	58	58	58	58	58	58	58	58	57	57	57	57	57	56	55	54	59	58.9
	MIN	62	62	62	61	61	61	61	60	60	61	60	60	59	58	58	57	57	57	58	58	57	57	56	56	57	57	56	55	54	54	54	58.3

Measured under Kentucky Bluegrass.

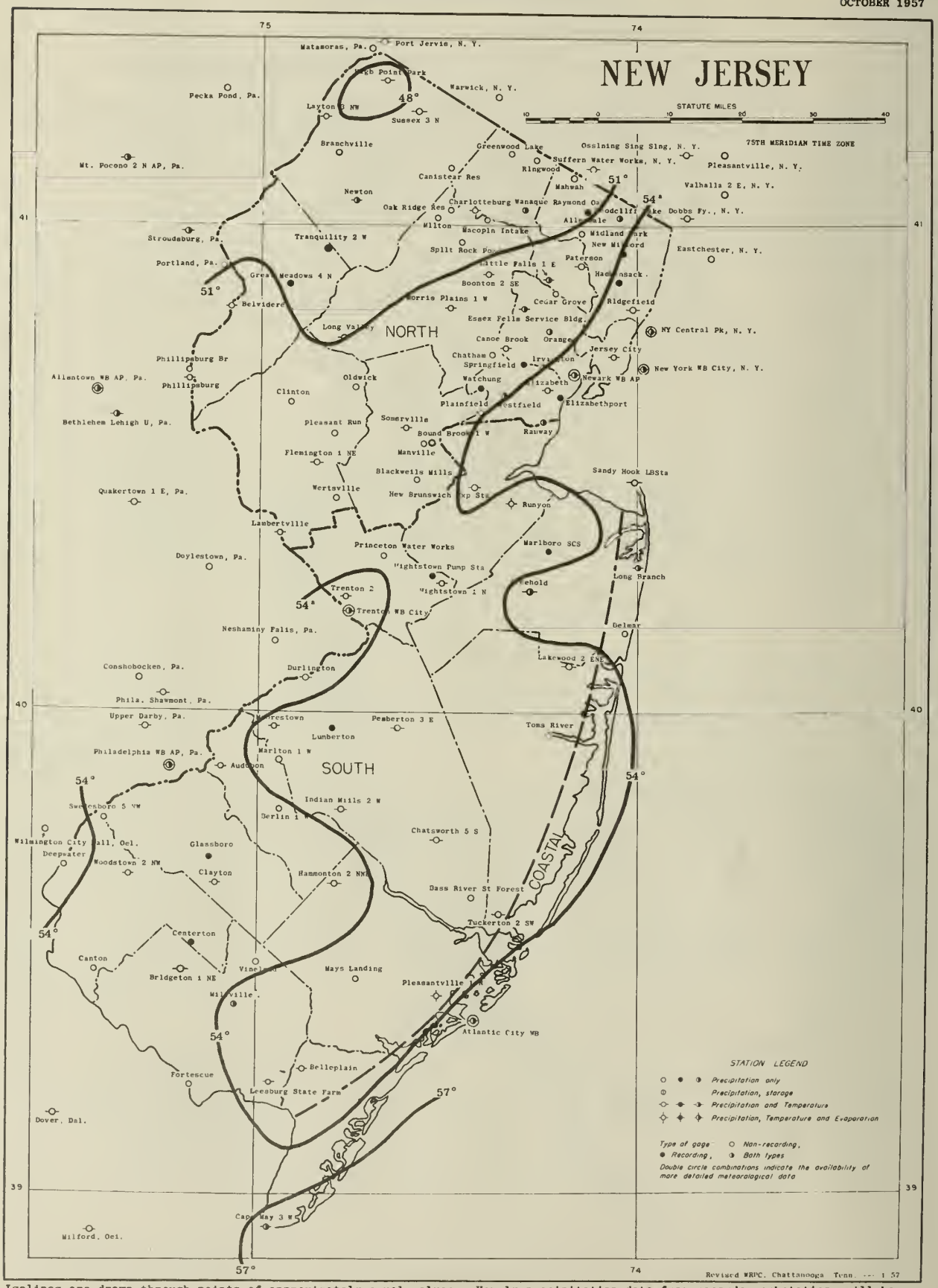
See reference notes following Station Index.

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MID	BERGEN COUNTY ENGS	C
#ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		8P	N.Y. FORESTRY SVC	3 7
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P	MRS. ED C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P	NISS C. S. HIKSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A	SAMUEL H. MC CULLEY	3
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A	HENRY M. MILLER	3
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WTR WKS	2 3 5
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A	AMERICAN CYANAMID C	3
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A	ALBERT M. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	39 28	75 25	20		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	N.WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P	WILLIAM S. HAINES	INAC 1/57
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A	JOHN LOPER	3
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	550		MID	MICHAEL DZYOWSKI JR.	INAC 2/57
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A	GEORGE T. WIGGINS	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1600	8A	8A	N. J. DEPT. OF CONS.	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	MID	MID	GEORGE G. WADDILL	2 3 5 7 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5 7
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. N. DEPUE	2 3 5 7
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P	LEESBURG STATE FARM	2 3 5
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	9A	PASSAIC VLY WTR COMM	2 3 5 7 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID	STORM WARN. OSPL STA	2 3 5 7 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25		MID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A	NEWARK WATER DEPT	3
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A	ROBERT G. GLASGOW	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P	DAVID GRISCOM	3
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P	ELMER EARLE	3 7
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		8A	RIDGEWOOD WATER CO.	3
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A	L. J. GALLAHER	2 3 5 7 C
MILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A	H. J. WILLARD	2 3 5 7
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTHUR H. AHLQUIST	2 3 5 7 G
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A	DAN A. COUGHLIN	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PENBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. DOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5 7
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P	S. K. PEARSON	2 3 5 7
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A	JOHN H. BERRYMAN	3
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID	PRINCETON WATER CO	3
RAHWAY	7393	UNION	9	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 7 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. HAVER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A	BRICE B. STANTON	2 3 5
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MID	H. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID	E. M. RISTOW	2 3 5
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P	REV EDWARD G. MEGILL	2 3 5
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A	WATER SUPPLY COMM	3 7 C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MID	BONNIE BURN SAN.	C
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A	ROBERT N. MANNERS	3
#WESTFIELD	9455	UNION	9	40 39	74 21	138		5P	CITY ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 5 WSW	9910	SALEM	2	39 38	75 25	30	7A	7A	RAYMOND L. BLEW, JR.	2 3 5

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6. Max and Min in Table 6 refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in the standard of time in local use. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- \- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5, is indicated by no entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.
- \+ And also on a later date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- \# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- G In the "Refer to Tables" column in the Station Index the letter "G" indicates that soil temperatures are published.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Data".)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, Annual for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

HWRC., Asheville, N. C. --- 12/9/57 --- 750

51.05
NNJ
cop. 1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

NOVEMBER 1957
Volume LXII No. 11

THE LIBRARY OF THE
JAN 2 1958
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1958

WEATHER SUMMARY

GENERAL

November's weather was warmer than usual, and even though the precipitation that fell furnished some relief there was still a serious water shortage.

Temperature averages in all divisions were greater than usual ranging from +1.9° in the Southern Division to +2.3° in the Coastal Division. The highest temperature for the month was 72° on the 19th at Burlington, while the lowest for the month was 12° at Layton 3 NW on the 27th. There were 22 stations with minimum temperatures that were equal to or lower than 20°.

Precipitation averages for the month were above long-term values in the Southern and Coastal Divisions, but below average in the Northern Division. Monthly totals ranged from 2.47 inches at Trenton WB City to 5.87 inches at Toms River. The greatest measurement for one day was 1.84 inches at Macopin Intake on the 15th.

WEATHER DETAILS

Temperatures during the first five days of the month were above average, but on the 6th and 7th slightly cooler weather prevailed, however, departures were not too significant. On the 8th temperatures were again above seasonal levels, but cooler weather moved in on the 9th with average temperatures that were noticeably below long-term values on the 10th and 11th and slightly below on the 12th and 13th. The period 14th-19th was significantly warmer than usual, but temperatures fell on the 20th and during the following week fluctuated considerably; however, daily departures from long-term averages were not especially noteworthy. During the last three days of the month the weather was warmer than usual with average readings on the 28th and 29th showing significant positive departures from long-term means, while on the 30th there was a change to cooler but departures were still slightly on the positive side.

Precipitation occurred at fairly well spaced intervals during the month but amounts that fell were not especially noteworthy. Based on reports from Weather Bureau offices a trace or more of precipitation fell on one-half the days in the month. The periods of occurrence which were generally noteworthy were as follows: 1st-2nd, 8th, 14th-15th, 18th-19th, 28th, and 30th. Snowfall which occurred during the month was very light and insignificant.

WEATHER EFFECTS

Corn and soybean harvest was practically completed in October and the few remaining fields were finished in November. Picking of late variety apples, mostly Romes, was completed by mid-November while harvest of hardy fall vegetables such as brocolli, cabbage, cauliflower, celery, lettuce and spinach continued until early December. Fall sowings of rye and winter wheat were reported about finished early in the month, and as the month progressed and neared its end winter grains were reported doing well. Many herds of cattle were left out on pasture longer than usual because of short winter supplies and aided by the mild November temperatures.

DESTRUCTIVE STORMS

The Weather Bureau Office at Trenton reported light local wind damage on the 8th, 14th and 19th.

On the 19th at Washington in Warren County a small tornado was reported to have dipped through a two-block area in the business district, moved aloft, and then struck a one-block area in a housing development a half-mile away. There was severe damage to the framework of one store, roofs blown off, and many windows out, mainly in the business area.

FLOODS

No floods were reported. The U. S. Geological Survey reported that deficient runoff continued in Northern New Jersey and the water shortage remained serious; content of Wanaque Reservoir was only 25 percent of usable capacity, the lowest since storage was begun in 1928. Ground-water levels as indicated by the key well near Old Bridge rose seasonally but remained record low for November.

Franklin W. Long, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

SPECIAL NOTICE

A survey has indicated that the comprehensive narrative weather story carried in each issue of Climatological Data is of value to only a small number of recipients. This story will be discontinued, therefore, with the January 1958 issue. A table of extremes will be carried each month and a text will be carried whenever unusual and outstanding weather events have occurred. General weather conditions in the U. S. for each month are described in the publication MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

CLIMATOLOGICAL DATA

TABLE 2

NEW JERSEY
NOVEMBER 1957

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max Depth on Ground	Date	No. of Days: 1.0 or More	5.0 or More	1.00 or More
NORTHERN																								
BELVIDERE		53.9	35.9	44.9	2.2	70	19	21	27	596	0	0	11	0	3.51	- .52	.82	15	T	0		9	2	0
BOONTON 2 SE	AM	54.1	34.4	44.3	2.1	70	20	18	27	614	0	0	16	0	3.50	- .62	1.43	15	.0	0		8	2	1
CANDE BROOK	AM	56.1	33.3	44.7	2.0	69	20	17	27	602	0	0	15	0	3.51	- .72	1.57	15	.0	0		7	1	1
CHARLOTTEBURG	AM	53.2	31.6	42.4	.4	66	20	17	27+	669	0	0	17	0	3.54	- 1.15	1.51	15	T	0		7	2	1
ELIZABETH		58.2	38.4	48.3	2.9	69	3+	22	27	496	0	0	11	0	3.73	- .19	1.02	30	T	0		8	2	1
ESSEX FELLS SERV BLDG	AM	56.6	36.6	46.6		69	4+	20	11	547	0	0	12	0	3.81		1.42	15	.0	0		7	3	1
FLEMINGTON 1 NE		55.7	35.1	45.4	1.0	71	19	17	27	578	0	0	17	0	4.60	.84	.88	2	.5	T	23	10	5	0
HIGH POINT PARK		49.2	31.8	40.5		64	20	16	11+	728	0	0	18	0	3.19		1.39	15	.0	0		7	2	1
JERSEY CITY		53.6	40.9	47.3	3.4	65	15	23	27	525	0	0	6	0	3.92	.51	1.15	30	.0	0		9	3	1
LAMBERTVILLE		55.6	36.1	45.9	1.7	70	19	20	27	567	0	0	15	0	3.98	.20	.97	15	.5	T	23	8	3	0
LAYTON 3 NW		54.2	30.3	42.3	2.3	70	19	12	27	674	0	0	19	0	2.99	- .84	.92	15	T	0		6	1	0
LITTLE FALLS 1 E	AM	57.2	36.9	47.1	2.8	71	20	21	27	532	0	0	13	0	3.76	- .64	1.43	15	.0	0		7	2	1
LONG VALLEY		54.5	33.8	44.2		68	19	17	11+	617	0	0	17	0	5.52	1.16	1.43	14	.0	0		8	5	2
MORRIS PLAINS		55.6	35.5	45.6		68	19	19	27	574	0	0	15	0	4.48		1.42	15	T	0		9	3	1
NEWARK WB AIRPORT	R	56.0	40.6	48.3	3.4	70	19	26	27	495	0	0	6	0	3.13	.03	.90	30	T	0		7	2	0
NEWTON	AM	53.0	32.3	42.7	1.6	69	20	16	27	664	0	0	17	0	2.80	- .94	.95	15	.0	0		7	1	0
PATERSON	AM	57.2	37.0	47.1	2.3	69	20	21	27	529	0	0	10	0	3.43	- .63	1.26	15	T	0		8	1	1
PHILLIPSBURG		57.6	37.6	47.6	4.7	71	19	23	13+	513	0	0	10	0	3.61	- .15	.97	15	T	0		7	4	0
PLAINFIELD		56.5	37.1	46.8	2.2	70	3	20	27	537	0	0	14	0	3.44	- .48	.89	30	T	0		8	3	0
RIDGEFIELD		55.5	38.9	47.2	3.0	67	19	24	11+	529	0	0	9	0	4.48	.54	1.15	30	T	0		9	5	1
SOMERVILLE		55.5	35.7	45.6	1.8	69	19	19	12+	573	0	0	15	0	3.86	.11	.90	15	.2	0		8	3	0
SUSSEX 3 N	AM	53.3	30.8	42.1	.0	70	20	15	27+	683	0	0	16	0	3.01	- .99	.75	15	T	T	26	7	2	0
DIVISION				45.3	2.0										3.72	- .27			.1					
SOUTHERN																								
AUDUBON		56.1	39.1	47.6		70	19	25	13+	510	0	0	8	0	4.07		.78	30	T	0		11	3	0
BELLEPLAIN		58.9	36.2	47.6		71	15	17	12	514	0	0	9	0	4.68	.50	1.20	1	.0	0		9	4	1
BRIDGETON 1 NE	AM			M																				
BURLINGTON		56.9M	38.9M	47.9M	1.5	72	19	24	13	503	0	0	9	0	3.90	.16	1.07	2	T	T	23	9	2	1
CLAYTON		55.7	39.1	47.4		69	19	23	12+	520	0	0	7	0	3.57		1.10	14	T	0		8	2	1
FREEHOLD		56.5	38.8	47.7	2.5	68	19	22	27	513	0	0	9	0	4.75	.69	.82	2	1.7	0		12	4	0
HAMMONTON 2 NNE	AM	57.8M	38.7M	48.3M	5.2	69	16	23	13	501	0	0	7	0	4.55	.78	1.08	2	.0	0				1
HIGHTSTOWN 1 N		56.1	38.4	47.3	2.3	69	19	23	11+	525	0	0	11	0	3.51	.04	.89	30	1.0	1	23	8	3	0
INDIAN MILLS 2 W		55.7	35.2	45.5	.2	70	19	17	12+	580	0	0	15	0	4.13	.33	.78	1	T	0		12	2	0
LAURELTON 1 E		56.3	35.8	46.1	1.0	69	3+	18	13+	559	0	0	13	0	5.58	1.37	1.28	19	T	T	23	12	5	1
LEESBURG STATE FARM		57.7	38.3	48.0		65	15	19	12	506	0	0	9	0	5.34		1.40	1	.0	0		11	2	2
MILLVILLE	AM	57.4	38.6	48.0		69	16	21	12	505	0	0	10	0	5.58		1.49	20	T	0		10	5	1
MODRESTOWN		55.7	38.5	47.1	2.3	70	19	23	13+	530	0	0	8	0	2.80	- .84	.65	2	T	T	26	9	2	0
NEW BRUNSWICK EXP STA		56.4	38.9	47.7	2.7	70	19	24	11+	513	0	0	10	0	3.92	.29	.94	30	.3	T	23	9	3	0
PEMBERTON 3 E		57.3	37.3	47.3	1.2	70	19	18	13	524	0	0	11	0	4.18	.62	1.11	2	.3	0		10	3	1
PLEASANTVILLE 1 N	AM	56.4	35.2	45.8	.4	68	16+	19	12	568	0	0	10	0	4.80	.44	1.70	2	.2	0		8	3	1
RUNYON		59.3	35.4	47.4	4.5	70	19	13	27	524	0	0	16	0	4.37	.54	1.12	2	.0	0		9	4	1
TRENTON 2		55.9	39.5	47.7		70	19	25	27	510	0	0	8	0	3.35	- .45	.79	30	.8	T	23	9	1	0
TRENTON WB CITY	R	55.4	41.2	48.3	2.7	71	19	28	27	493	0	0	7	0	2.47	- .39	.64	30	.6	0		8	1	0
TUCKERTON		57.0	37.0	47.0		69	15	17	27	532	0	0	9	0	4.55		.90	1	.0	0		12	4	0
DIVISION				47.4	1.9										4.22	.44			.3					
COASTAL																								
ATLANTIC CITY WB	R	56.7	44.4	50.6	2.5	69	15	30	11	427	0	0	3	0	4.54	1.22	.89	1	T	T	26	10	4	0
CAPE MAY 3 W		56.9M	43.1M	50.0M		70	3	29	12+	439	0	0	3	0	5.61		1.41	2	.0	0		10	5	2
LONG BRANCH		55.2	39.8	47.5	2.0	67	15+	26	11+	517	0	0	7	0	4.44	.50	1.05	2	.3	0		10	3	1
SANDY HOOK LBSTA		56.5	42.5	49.5	2.7	67	19	32	26+	458	0	0	2	0	4.74	1.36	1.10	3	.0	0		8	4	2
DIVISION				49.4	2.3										4.83	1.18			.1					

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Percent of time from prevailing	Wind speed m. p. h.: Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Relative humidity averages percent: 1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Number of days with precipitation: Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB	-	-	18.2	52	NW	8	-	-	-	-	2	3	6	4	0	0	15	50	6.2
LONG BRANCH	NW	18	15.3	50	S	8	-	78	68ø	70	2	5	7	2	1	0	17	64	8.1
NEWARK WB AIRPORT	WNW	16	10.1	37++	S	8	72	73	53	88	7	4	5	2	0	0	18	-	8.1
TRENTON WB CITY	-	-	9.5	34	S	8+	-	-	-	-	4	4	7	1	0	0	16	51	8.2

ø 12:00 Noon

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
NOVEMBER 1957

Station	Total	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB R	4.54	.89	.79			.07	.12		.20						.44	.13			.27	.07			T	.38			T		.55	.02	.41	
AUDUBON	4.07	.70	.48			.17	.15		.33						.60				.27	.17	.05			.20			T		.17	T	.78	
BASS RIVER ST FOREST	4.94	.83	1.25	.17						*					1.36				.23					*					*		1.10	
BELLEPLAIN	4.68	1.20					.31			.38					.04	.64			.64	.10				.56					.05	.46	.30	
BELMAR	2.62														1.79	.08			.09	.66												
BELVIDERE	3.51	.13	.33	.25			.04		T	.60	T				.24	.82			.02	.28									.30	.07	.43	
BERLIN 1 W	3.68		.58	.90												1.40				.35			T		.45						T	
BLACKWELLS MILLS	3.19		.49	.89			.08			.28						.71				.23	.28				.05					.18		
BOONTON 2 SE	3.50		.20	.19			T			.16						1.43				.27	.37								T	.18	.70	
BOUND BROOK 1 W	2.73		.24	.47			.02			.58						.77				.18	.22				.02					.19	.04	
BRANCHVILLE	3.40		.25	.20			.05			.74	T					1.18				.33	.25									.35	.05	
BRIDGETON 1 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BURLINGTON	3.90	.15	1.07				.21			.27					.30	.44			.08	.29				.05	.07		T		.05	.10	.82	
CANISTEAR RESERVOIR	3.94		.39	.69			.03			.67						1.31		T		.23	.23						T			.39	T	
CANOE BROOK	3.51		.16	.26			.02			.49	.01					1.57				.34	.30				T					.35	.01	
CANTON	3.00	.13	.70	.12			.68			.33						.35		.02	.15		.03			.06	.23						.20	
CAPE MAY 3 W	5.61	1.10	1.41	.02			.32		.26						.12	.37				.51	.01			.54	.01				.08	.26	.60	
CEDAR GROVE	3.95		.20	.20			.02			.59						1.86				.31	.25									.52		
CHARLOTTEBURG	3.54		.27	.52			T			.37		T				1.51				.25	.28									.30	.04	
CHATHAM	3.82		.18	.29			T			.71						1.56				.28	.42									.38		
CLAYTON	3.57	.59	.49	T		T	.02		T	T					1.10	.19			.21	.09				.32					.16	.02	.38	
CLINTON	3.74	.14	.32	.58			.04		.02	.16		.02			.10	.97		T		.46	T			.03					.08	.16	.66	
DEEPWATER	2.89	.56	.13			.17	.01		.30						.49				.27	.33				.11					.20		.32	
ELIZABETH	3.73	.08	.30	.35					.01	.31					.02	.65			.01	.40	.02		.27	.01			T		.08	.20	1.02	
ELIZABETHPORT	3.86	.14	.69			T			.48						.45	.15			.28	.42				.03					.30		.92	
ESSEX FELLS SERV BLDG	3.81		.28	.15						.73						1.42				.18	.57									.48		
FLEMINGTON 1 NE	4.60	.20	.88	.15		T	T		.62	.27	T	T		T	.17	.70			T	.69	T			.04	T				T	.26	.62	
FORTESCUE	4.60		1.22	.15			.38			.59						.30				.44	.70			.05	.45					.27	.05	
FREEHOLD	4.75	.33	.82	.43			.14			.81					T	.80			.04	.13	.10		.04	.16			T		.11	.14	.70	
GREENWOOD LAKE	4.25		.19	.93			.02			.80						1.56				.22	.32						T			.21		
HAMMONTON 2 NNE	4.55		1.08				.22			.87						.66	.01			*	.75			.20	.13					.20	.43	
HIGH POINT PARK	3.19		.48	.13		T				.56						1.39				.17	.21									.22	.03	
HIGHTSTOWN 1 N	3.51	.14	.75	.27			.12		T	.50	T				T	.49			.02	.09			T	.09	T		T			.15	.89	
INDIAN MILLS 2 W	4.13	.78	.24	T			.31		.18	.47					.23	.52			.18	.17	T			.34			T		.24	.03	.44	
IRVINGTON	3.35	.30	.04						.34						.58	.11			.40	.22		T		T					.35		1.01	
JERSEY CITY	3.92	.18	.36	.03					.54						.50	.24			.22	.39			.03	T					.28		1.15	
LAMBERTVILLE	3.98	.31	.47	.20			.13								.21	.97			.03	.80				.08					.04	.09	.65	
LAURELTON 1 E	5.58	.89	.51	.22		.10	.04		.55	.01	T				.83	.11			.11	1.28		T	.02	.23	T		T		.27	.02	.39	
LAYTON 3 NW	2.99	.05	.14	.08		.01			.05	.45	T				.04	.92				.45							T		T	.40	.40	
LEESBURG STATE FARM	5.34	1.40	1.00	.02			.40			.34					.05	.40			.44	.10				.45	.10					.39	.25	
LITTLE FALLS 1 E	3.76		.19	.20	.01		.02			.80	T					1.43				.22	.47									.38	.04	
LONG BRANCH	4.44	.32	1.05	.24		.02	.01		.58						.77	.24		T	.09	.29			.01	.11	.06		T		.23		.42	
LONG VALLEY	5.52	.30	1.40			.10			.54						1.43					.60									.40		.75	
MACOPIN INTAKE	4.06		.37	.37						.48						1.84				.33	.22									.37	.08	
MAHWAH	3.09		.20	.20			.01			.24						1.42				.23	.40								T	.33	.06	
MANVILLE	3.92	.20	.71			.06			.62						.57				.25	.33				T					.20		.98	
MARLTON 1 W	4.02	.37	.97				.28			.39					.14	.30			.12	.28			.01	.21					.18		.77	
MAYS LANDING	3.72	1.00	.10				.25			.25					.20	.49			.12	.10				.68			T		.10	.28	.15	
MIDLAND PARK	3.37		.13	.17		.01				.45						1.29				*	.94									.34	.04	
MILLVILLE	5.58		.92	.52			.22	.15		.73						.50				.35	1.49				.47		T			.19	.04	
MILTON	4.91		.30	1.09			.07		.04	.94	.02					1.39		.02		.30	.29									.37	.08	
MOORESTOWN	2.80	T	.65	.53			.23		T	.30						.46				.13	.10				.20		T			.20		
MORRIS PLAINS	4.48	.08	.16	.39			.01		.01	.19		T			.10	1.42			T	.34	.53					T	T		.07	.35	.83	
NEWARK WB AIRPORT R	3.13	.06	.35	T		.01	T		.32						.53	.07			.29	.28		T	T	.03	T		T		.29	T	.90	
NEW BRUNSWICK EXP STA	3.92	.15	.72	.30			.05		T	.44					T	.52			.30	.20			T	.08					.22		.94	
NEW MILFORD	3.68	.18	.12	.02					.50						.74	.28			.04	.60									.34	.04	.82	
NEWTON	2.80		.31	.31			.03			.49						.95				.18	.27									.24	.02	
OAK RIDGE RESERVOIR	5.04		.30	1.04			.05			1.28	T	.01				1.39				.25	.31									.28	.13	
OLDWICK	3.17		.26	.67	T		.01			.15		T				1.17				.22	.39				.01					.25	.04	
ORANGE	4.84	*	*	.60			.05			.50					*	1.24				.42	.43										1.60	
PATERSON	3.43		.16	.26			T			.40		T				1.26				.26	.34				T	T			.02	.38	.35	
PEMBERTON 3 E	4.18	.27	1.11	.06			.22			.65					.02	.74			.10	.11					.21				.21	.06	.42	
PHILLIPSBURG	3.61	T	.59	.66			.08		T	.22		T			T	.97			T	.25	T			T			T		T	.24	.60	
PHILLIPSBURG BRIDGE	3.49		*	1.03			.05			.38						.92				.13	.08									.90		
PLAINFIELD	3.44	.14	.60	.39		T	T		.20		T				.73				.08	.07			.01	T	T				.18	.15	.89	
PLEASANT RUN	3.55		.51	.47			.04			.28		.02				.89	.08			.18	.64									.31	.13	
PLEASANTVILLE 1 N	4.80	.07	1.70	.14			.27			.36						.90				.38	T			.01	.50		.02			.40	.05	
PRINCETON WATER WORKS	3.62	.70	.55			.08			.35						.53	.02			.24	.11				.03					.15		.86	
RAHWAY	4.24	.28	.95			T			.52						.54	T			.30	.35			T			.03			.25		1.02	
RIDGEFIELD	4.48	.15	.23			.02			.50						.65	.12			.28	.55				T					.81	.02	1.15	
RINGWOOD	3.51	T	.23	.68					T	.36						1.18				.24	.46									.22	.14	
RUNYON	4.37	.22	1.12	.45			.05			.60						.62				.14	.10			.07					.09	.11	.80	
SANDY HOOK LBSTA	4.74	.36	.30	1.10					.85							1.00			.05	.06	.12		.01	.06						.22	.61	
SOMERVILLE	3.86	.11	.48	.08			.03		.07	.47					.15	.90			.01	.61				.02					.02	.17	.74	
SPLIT ROCK POND	4.04		.38	.34			.01			.37						2.00				.27	.32									.35		
SUSSEX 3 N	3.01		.40	.20						.69						.75				.26	.39						.02			.25	.05	
SWEDESBORO 5 NW	3.44	.02	.89	.14	.01		.18	.01	.02	.35		.01	T	T	.01	.57			.06	.39	.19	.01		.03	.17	T				.12	.26	
TOMS RIVER	5.87	.65	1.23	.23						.62						.99				1.22				.33					.30	.02	.28	
TRENTON 2	3.35	.41	.43			.08	.07		.31						.49	.08			.26	.15				.12					.16		.79	
TRENTON WB CITY R	2.47	.26	.41	T		.14	.01		.19		T				.35	.03			.14	.09			T	.08			T		.13		.64	
TUCKERTON	4.55	.90	.50	.10						.60					.10	.80			.20	.10				.45					.10	.30	.40	
VINELAND	5.04		1.32	.12			.34			.93						.67				.27	.74				.41					.18	.06	
WANAQUE RAYMOND DAM	3.52		.30	.36						.30						1.60		T		.24	.38									.30	.04	
WERTSVILLE	3.69		.59	.43	T		.08	T		.43		T				1.26	T	T		.14	.60	T			.04				T	.12	T	
WESTFIELD	4.66	.24	.47	.02					.40			T			.78	.15			.32	.33				.01					*	.92	1.02	
WOODCLIFF LAKE	4.12	.16	.22						.60						.90	.40			.10	.50									.32	.04	.88	

See Reference Notes Following Station Index

Table 5

DAILY TEMPERATURES

NEW JERSEY
NOVEMBER 1957

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	57	59	68	60	60	53	60	62	59	46	45	52	55	61	69	58	63	58	64	54	58	55	45	55	43	45	54	58	67	57		56.7
	MIN	55	56	54	48	47	43	40	55	37	33	30	35	35	54	55	52	50	48	54	43	45	43	39	41	36	32	32	53	46	40		44.4
AUDUBON	MAX	59	60	65	58	59	54	58	67	52	45	45	54	56	64	66	64	61	54	70	53	56	50	41	54	45	43	49	62	65	55		56.1
	MIN	55	56	54	49	46	40	35	34	35	30	28	26	25	50	47	41	46	43	51	36	34	39	32	37	30	30	25	43	40	36		39.1
BELLEPLAIN	MAX	60	60	61	60	60	56	60	62	66	49	46	56	57	67	71	65	64	66	68	66	58	50	44	55	52	45	50	64	66	62		58.9
	MIN	53	56	45	43	47	38	27	35	43	30	19	17	19	38	42	38	42	42	49	39	27	35	31	35	35	27	19	42	37	35		36.2
BELVIDERE	MAX	62	61	66	56	56	52	56	63	60	41	44	51	52	65	66	63	60	51	70	54	51	42	37	50	45	42	41	55	60	46		53.9
	MIN	42	53	52	50	42	39	33	32	35	24	24	26	23	40	50	36	43	40	44	34	25	27	31	34	32	34	21	33	46	31		35.9
BOONTON 2 SE	MAX	64	60	63	64	55	55	49	58	62	47	43	46	58	54	65	63	62	60	54	70	48	52	43	40	50	39	41	45	60	54		54.1
	MIM	42	53	55	52	45	37	29	30	35	32	24	21	23	25	46	36	36	39	43	39	27	32	32	32	30	27	18	20	44	28		34.4
BRIDGETOM 1 ME	MAX	66			63	57		57		66				51							69							43					
	MIN		53		45	47		31					24	20								31						22					
BURLINGTON	MAX	64	62		57	57	55	59	68	65	45	46	56	57	64	67	63	62	52	72	56	56	50	43	56	48	44	49	62	61	55		56.9
	MIN	55	55		50	47	40	35	35	42	32	28	25	24	48	54	40	45	44	49	40	31	37	32	34	32	28	26	35	51	35		38.9
CANOE BROOK	MAX	63	61	64	65	62	56	51	61	66	49	43	46	59	56	65	65	62	61	63	69	48	54	43	40	51	39	43	51	63	63		56.1
	MIN	43	53	56	53	40	34	25	28	35	30	20	19	18	27	48	33	41	37	45	34	23	28	30	34	30	23	17	20	46	28		33.3
CAPE MAY 3 W	MAX	61	62	70			58	57		63	49	43	50		62	65	60			63	63	58	54	47	55	52	45	51	61	59	57		56.9
	MIN	54	56	55			44	45			37	34	29	29		52	45			52	46	45	44	39	39	38	34	32	48	52	42		43.1
CHARLOTTEBURG	MAX	63	58	60	63	52	55	51	59	62	41	43	44	58	59	62	64	63	58	54	66	47	52	42	38	49	37	39	45	57	56		53.2
	MIN	35	50	51	49	43	36	28	26	31	29	21	19	19	19	49	33	34	39	41	35	24	26	27	27	31	21	17	17	44	26		31.6
CLAYTOM	MAX	61	60	63	59	57	53	52	66	64	44	43	51	54	64	65	63	60	53	69	55	54	48	41	54	47	43	49	60	65	54		55.7
	MIN	55	55	54	47	49	36	33	39	40	30	26	23	23	44	54	40	47	41	51	40	32	39	33	35	35	29	24	42	40	37		39.1
ELIZABETH	MAX	61	65	69	59	62	54	62	66	64	47	49	58	56	66	68	62	65	54	69	68	56	48	40	54	48	45	44	63	66	58		58.2
	MIN	55	54	56	51	47	36	30	34	31	31	24	25	26	46	52	39	45	42	47	39	28	34	33	32	32	29	22	34	54	43		38.4
ESSEX FELLS SERV BLDG	MAX	64	65	64	69	54	56	49	54	62	48	46	52	62	60	65	66	66	65	65	69	60	58	42	40	48	47	42	44	59	58		56.6
	MIM	48	50	54	50	40	36	30	32	34	30	20	22	26	32	48	44	42	44	45	48	32	34	39	34	32	28	22	26	40	36		36.6
FLEMINGTOM 1 NE	MAX	63	62	65	58	56	53	59	65	63	44	44	59	48	64	66	60	60	59	71	55	54	43	38	51	45	43	43	64	63	53		55.7
	MIM	52	54	54	51	43	36	30	28	38	30	23	20	30	44	53	31	35	37	41	28	21	28	31	32	29	26	17	29	52	29		35.1
FREEHOLD	MAX	59	60	67	60	58	52	57	66	64	44	44	56	57	65	67	61	60	54	68	66	56	46	38	51	45	45	47	63	65	55		56.5
	MIN	51	56	55	50	46	37	34	38	40	29	23	25	28	45	53	43	50	41	49	38	31	36	31	30	33	28	22	36	51	35		38.8
HAMMOMTON 2 NNE	MAX	67	60	64	65	59	61	54	61	68	54	45	46	57	58	65	69	63			65	55	58	48	49	53	43	49	53	63	65		57.8
	MIM	54	58	55	47	48	39	34	37	44	29	24	25	23	27	49	41	47		46	39	35	39	36	34	34	35	29	24	47	42		38.7
HIGH POINT PARK	MAX	63	51	56	55	50	52	43	54	54	42	43	46	52	49	57	56	60	51	56	64	40	50	37	38	42	33	33	43	52	54		49.2
	MIM	41	49	48	38	38	31	31	31	32	26	16	20	19	26	47	44	42	36	39	32	25	31	26	30	26	23	16	16	41	33		31.8
HIGHTSTOWN 1 M	MAX	60	62	67	59	59	52	57	66	64	44	44	55	56	63	66	62	61	52	69	55	54	49	39	52	48	44	46	61	64	54		56.1
	MIN	52	54	55	52	48	37	33	35	41	30	23	26	24	46	54	40	47	40	47	39	30	35	32	31	31	28	23	34	54	31		38.4
INDIAN MILLS 2 W	MAX	58	60	65	57	57	53	58	67	62	43	43	54	55	63	66	63	60	51	70	54	55	46	38	52	44	42	49	65	64	58		55.7
	MIN	53	56	53	49	48	37	27	31	40	26	19	17	17	39	45	35	43	37	51	32	28	32	32	32	29	24	17	35	43	29		35.2
JERSEY CITY	MAX	58	64	64	57	56	50	57	59	57	45	43	56	52	59	65	59	62	50	64	49	53	47	39	50	40	40	44	60	61	47		53.6
	MIM	52	52	54	52	45	39	39	46	34	32	27	32	37	50	52	47	47	44	52	39	36	41	34	32	34	31	23	43	43	39		40.9
LAMBERTVILLE	MAX	62	62	65	58	57	53	60	65	64	45	46	57	54	62	66	60	60	48	70	54	55	43	40	52	45	43	45	61	64	51		55.6
	MIM	46	54	53	52	44	39	30	31	39	31	22	22	21	45	48	36	41	39	47	34	28	30	31	32	30	26	20	32	50	31		36.1
LAURELTOM 1 E	MAX	58	60	69	59	61	54	62	65	57	47	45	57	55	62	69	59	63	55	67	51	57	46	39	52	40	46	45	67	67	56		56.3
	MIM	55	56	52	49	45	32	32	34	34	28	22	22	18	49	42	36	40	38	50	28	27	36	34	32	28	24	18	48	34	30		35.8
LAYTOM 3 MW	MAX	63	62	62	55	52	50	60	61	61	48	45	58	55	62	65	64	57	48	70	52	52	44	38	51	43	40	42	57	60	50		54.2
	MIM	37	53	53	48	36	32	18	24	30	28	16	15	15	31	46	28	41	35	43	26	20	19	24	24	28	20	12	36	48	24		30.3
LEESBURG STATE FARM	MAX	58	61	60	60	57	53	58	64	64	59	55	49	54	59	65	63	61	63	63	62	55	57	50	56	52	41	47	58	64	62		57.7
	MIN	53	56	55	42	48	38	30	36	44	31	23	19	20	41	52	39	41	39	51	41	29	42	37	36	35	27	21	44	54	24		38.3
LITTLE FALLS 1 E	MAX	62	62	62	68	59	60	54	62	66	50	46	46	60	58	65	67	64	63	62	71	50	56	46	43	54	41	44	50	64	62		57.2
	MIM	49	54	55	51	47	38	32	32	38	31	24	23	25	34	53	38	40	41	45	39	30	34	32	33	31	28	21	30	48	32		36.9
LONG BRANCH	MAX	61	60	66	57	57	50	60	66	60	43	44	54	56	60	67	58	60	54	67	52	54	44	40	50	41	42	47	65	65	56		55.2
	MIN	56	57	54	50	47	38	36	41	35	30	26	27	29	52	50	44	45	44	51	34	32	36	34	35	35	29	26	46	40	36		39.8
LONG VALLEY	MAX	61	60	65	57	56	51	56	61	56	42	46	48	54	62	63	62	61	54	68	59	55	47	39	52	42	41	42	60	61	53		54.5
	MIM	43	53	52	49	44	41	27	28	31	28	17	19	17	42	43	31	43	37	43	36	21	27	29	31	27	28	18	32	50	28		33.8
MILLVILLE	MAX	68	59	61	65	59	61	54	60	66	53	45	45	54	57	67	69	64	60	63	67	52	58	46	45	55	42	45	52	65	66		57.4
	MIN	50	53	55	47	49	40	32	36	44	31	28	21	22	29	52	40	44	41	46	41	32	39	38	35	37	29	26	30	51	40		38.6
MOORESTOWN	MAX	59	60	65	57	57	53	57	67	57	44	44	54	55	64	66	63	60	57	70	49	56	49	41	53	41	42	48	62	64	56		55.7
	MIM	54	56	54	52	44	39	35	32	36	33	26	27	23	50	46	42	44	43	48	34	33	37	32	38	32	29	23	42	36	34		38.5
MORRIS PLAINS	MAX	60	63	65	58	57	51	58	62	62	42	46	58	54	63	64	63	60	52	68	67	53	49	40	49	44	42	42	59	60	57		55.6
	MIM	52	52	56	50	44	34	27	28	35	30	22	22	20	42	49	35	47	40	43	37	24	32	29	31	31	25	19	30	51	29		35.5
NEWARK WB AIRPORT	MAX	61	66	68	57	57	52	60	66	60	44	48	59	57	62	67	62	62	53	70	52	55	47	40	53	41	43	43	63	64	48		56.0
	MIM	54	54	55	52	46	41	36	40	36	32	29	29	32	49	51	45	48	45	52	37	33	39	34	35	35	32	26	39	43	38		40.6
NEW BRUMSWICK EXP STA	MAX	60	64	67	62	56	53	58	66	65	43	43	56	55	64	65	61	60	55	70	61	54	50	40	50	46	43	44	63	64	55		56.4
	MIN	53	54	55	52	46	37	32	34	41	31	24	25	26	46	54	41	49	43	45	39	31	37	32	31	34	30	24	34	54	34		38.9
NEWTON	MAX	62	59	59	68	50	54	49	56	62	46	44	44	51	54	64	63	63	57	60	69	45	51	42	37	45	38	40	43	56	59		53.0
	MIM	42	50	55	49	43	37	27	27	36	30	18	19	18	23	51	32	33	40	41	35	23	25	28	29	31	23	16	19	40	28		32.3
PATERSOM	MAX	60	61	68	68	65	61	53	62	65	50	46	47	57	58	65	68	64	63	56	69	50	55	45	45	52	40	43	52	64	63		57.2
	MIM	48	52	55	50	46	38	33	35	40	30	25	27	30	33	48	41	46	41	42	39	31	36	33	32	32	27	21	22	43	35		37.0
PEMBERTON 3 E	MAX	60	60	68	58	60	54	58	68	64	46	45	53	57	65	67	64	61	53	70	57	55	48	40	52	48	44	55	66	65	57		57.3
	MIN	53	54	59	51	45	36	33	35	40	29	22	20	18	42	53	37	45	39	49	39	29	36	32	33	31	26	19	32	51	31		37.3
PHILLIPSBURG	MAX	65	60	64	62	56	54	57	61	64	58	46	56	57	63	65	64	61	59	71	70	53	54	42	51	50	43	44	59	61	58		57.6
	MIM	49	54	59	51	44	39	33	32	36	30	26	24	23	47	50	38	4[illegible]	40	44	37	27	31	35	34	35	30	23	34	52	32		37.6
PLAINFIELD	MAX	62	64	70	60	60	55	66	66	52	46	49	58	56	65	67	62	63	50	69	51	55	45	40	53	43	46	46	62	64	50		56.5
	MIN	53	54	56	54	46	38	31	31	31	29	25	23	25	45	46	38	44	44	45	40	25	35	33	32	30	27	20	31	51	31		37.1
PLEASANTVILLE 1 M	MAX	62	59	59	66	60	59	51	60	65	53	45	43	53	56	65	68	61	60	62	60	50	58	46	48	53	40	44	58	62	68		56.4
	MIM	47	47	47	45	45	39	32	35	35	28	21	19	20	22	42	38	44	39	46	39	29	37	37	36	35	27	20	21	50	33		35.2
RIDGEFIELD	MAX	60	65	65	58	59	56	62	63	51	45	46	58	57	65	66	62	62	52	67	52	55	44	40	52	42	44	42	64	62	48		55.5
	MIN	52	53	56	50	45	38	32	38	34	31	24	28	30	47	45	42	44	43	52	36	32	38	35	34	32	29	24	39	48	36		38.9

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RUNYON	MAX	68	64	68	66	60	56	60	67	64	50	49	60	58	68	68	65	64	58	70	61	58	46	38	52	54	46	46	64	66	65		59.3
	MIN	60	61	54	50	42	32	27	35	40	30	24	15	16	38	40	32	42	48	54	38	20	28	30	32	29	31	13	28	51	23		35.4
SANDY HOOK LBSTA	MAX	60	57	65	61	59	56	56	61	60	49	45	58	58	62	62	59	60	60	67	60	58	53	44	50	45	44	45	65	61	54		56.5
	MIN	55	50	56	48	47	42	40	45	37	33	33	35	37	45	53	47	50	50	48	43	37	41	34	33	37	32	32	44	51	40		42.5
SOMERVILLE	MAX	62	65	68	62	59	52	57	65	61	45	44	57	55	65	65	60	60	53	69	54	54	43	37	51	42	43	42	61	64	50		55.5
	MIN	54	54	55	51	44	35	28	29	40	29	20	19	19	46	50	35	40	41	46	34	24	31	32	32	30	27	19	30	49	29		35.7
SUSSEX 3 N	MAX	62	59	61	61	52	55	49	57	62	47	42	45	56	55	64	67	63	58	60	70	47	45	42	38	48	38	39	42	56	58		53.3
	MIN	40	47	49	47	41	33	27	29	33	28	18	18	22	22	42	35	34	36	38	33	27	28	26	26	30	21	15	15	38	27		30.8
TRENTON 2	MAX	62	63	66	56	60	52	58	66	59	45	43	54	54	65	67	62	62	54	70	52	56	47	41	52	42	43	46	62	65	54		55.9
	MIN	54	55	55	50	46	40	35	39	35	30	26	28	27	50	50	42	47	43	52	38	35	38	32	34	31	30	25	42	40	35		39.5
TRENTON WB CITY	MAX	62	63	64	57	56	51	57	66	61	43	44	55	55	64	66	62	58	53	71	50	55	43	41	52	43	42	47	62	64	55		55.4
	MIN	55	55	56	52	44	41	37	44	37	32	29	31	32	51	51	46	49	45	49	39	37	40	32	35	33	31	28	43	43	38		41.2
TUCKERTON	MAX	58	60	68	59	59	53	60	65	64	45	45	55	54	63	69	61	63	53	65	64	57	52	40	54	47	43	47	63	67	58		57.0
	MIN	55	56	56	48	49	38	32	33	41	28	21	18	18	33	51	38	48	38	52	38	31	39	34	33	33	27	17	42	33	31		37.0

Table 6

EVAPORATION AND WIND

Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
CANOE BROOK	EVAP	*	*	.01	.10	.06	.10	--	-	-	.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	WIND	4	10	8	22	29	23	15	2	77	12	44	5	2	3	21	15	7	18	-	-	-	-	-	-	-	-	-	-	-	-		-
PLEASANTVILLE 1 N	EVAP	.11	.10	.09	.11	.10	.15	.05	.07	.17	.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	WIND	62	60	60	44	59	35	8	92	7	93	54	40	4	17	48	34	17	30	54	70	30	27	29	23	15	55	31	70	45	50		1261

DAILY SOIL TEMPERATURES

Station And Depth		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	54	57	61	55	56	50	53	54	57	46	46	46	46	53	57	52	53	50	58	52	49	45	42	45	43	44	42	50	54	47		51.4
	MIN	50	53	55	52	50	45	43	44	41	38	36	34	34	44	48	47	47	47	52	43	41	42	40	41	38	36	34	38	43	42		43.3
2 INCHES	MAX	53	56	58	55	54	51	51	53	50	45	44	44	44	51	55	51	52	50	57	52	48	45	43	45	43	43	41	49	52	48		49.4
	MIN	50	53	55	52	50	46	45	45	43	41	38	36	37	44	50	47	48	47	53	45	43	43	41	42	40	38	36	39	45	43		44.5
4 INCHES	MAX	53	55	57	55	54	51	50	52	50	45	44	43	43	51	55	51	52	50	57	52	48	45	43	45	43	43	41	48	51	46		49.1
	MIN	50	53	55	52	51	47	45	45	44	42	39	37	38	44	50	48	49	47	53	45	43	43	41	42	41	39	37	39	46	44		45.0
8 INCHES	MAX	53	55	56	55	54	53	50	51	51	48	45	44	44	48	51	51	51	50	54	53	49	47	46	43	45	43	43	46	48	48		49.2
	MIN	51	53	54	54	52	50	48	48	48	45	43	41	41	44	48	49	50	49	49	49	47	46	44	44	43	42	40	41	48	46		46.8
16 INCHES	MAX	53	54	55	55	55	54	53	51	51	51	49	47	46	47	51	51	51	51	52	52	51	49	48	47	47	46	46	46	48	48		50.2
	MIN	52	53	54	54	53	52	51	50	50	49	47	45	45	46	47	50	50	50	50	51	49	48	47	46	46	45	44	44	46	47		48.7
32 INCHES	MAX	54	54	55	55	55	55	55	54	53	53	53	53	51	50	51	52	52	52	52	52	52	52	51	51	50	50	49	49	48	48		52.0
	MIN	54	54	54	55	55	55	54	53	53	52	52	51	50	50	49	51	51	51	52	52	52	51	51	50	50	49	49	48	48	48		51.4

Measured under Kentucky Bluegrass.

See reference notes following Station Index.

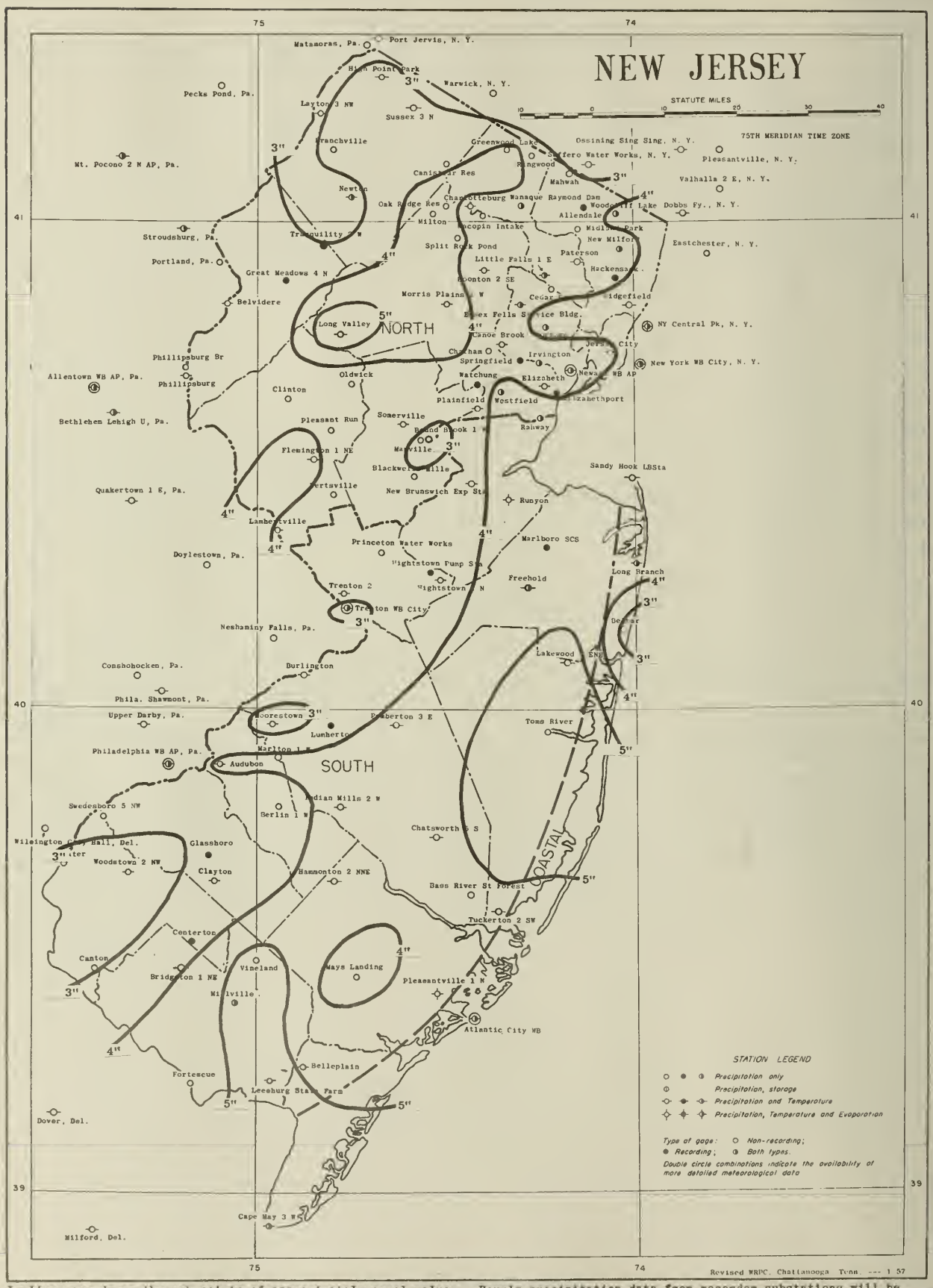
SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	SNOWFALL																										T					
	SN ON GND																										T					
	WTR EQUIV																															
BELVIDERE	SNOWFALL										T																					
	SN ON GND																															
CHARLOTTEBURG	SNOWFALL											T																				
	SN ON GND																															
CLAYTON	SNOWFALL																							T								
	SN ON GND																															
FLEMINGTON 1 NE	SNOWFALL										T	T												.5	T							
	SN ON GND																							T								
FREEHOLD	SNOWFALL																							1.7			T					
	SN ON GND																															
HIGHTSTOWN 1 N	SNOWFALL										T													1.0			T					
	SN ON GND																							1								
INDIAN MILLS 2 W	SNOWFALL																							T			T					
	SN ON GND																															
LAURELTON 1 E	SNOWFALL										T													T			T					
	SN ON GND																							T								
LAYTON 3 NW	SNOWFALL										T																					
	SN ON GND																															
LONG BRANCH	SNOWFALL																							.3			T					
	SN ON GND																															
MAYS LANDING	SNOWFALL																										T					
	SN ON GND																															
MILLVILLE	SNOWFALL																										T					
	SN ON GND																															
MOORESTOWN	SNOWFALL																								T		T					
	SN ON GND																										T					
MORRIS PLAINS	SNOWFALL											T														T	T					
	SN ON GND																															
NEWARK WB AIRPORT	SNOWFALL																							T			T					
	SN ON GND																															
	WTR EQUIV																															
NEW BRUNSWICK EXP STA	SNOWFALL																							.3								
	SN ON GND																							T								
PATERSON	SNOWFALL											T																				
	SN ON GND																															
PEMBERTON 3 E	SNOWFALL																								.3							
	SN ON GND																															
PHILLIPSBURG	SNOWFALL											T												T			T					
	SN ON GND																															
PLAINFIELD	SNOWFALL										T												T	T								
	SN ON GND																															
RAHWAY	SNOWFALL																									T						
	SN ON GND																									T						
RIDGEFIELD	SNOWFALL																							T								
	SN ON GND																															
SOMERVILLE	SNOWFALL																							.2								
	SN ON GND																															
TRENTON WB CITY	SNOWFALL										T													.6			T					
	SN ON GND																															

See reference notes following Station Index.

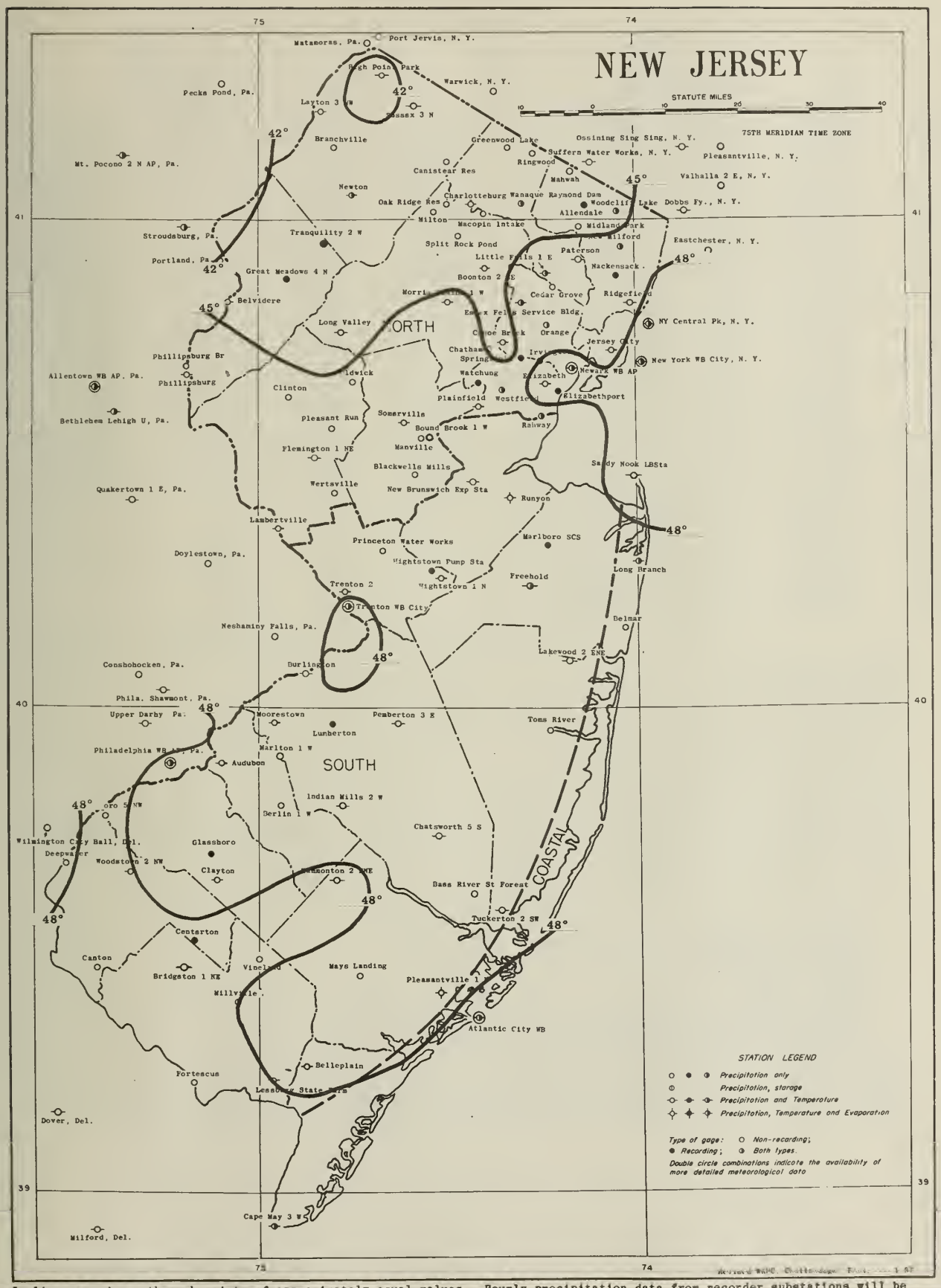
TOTAL PRECIPITATION

NEW JERSEY
NOVEMBER 1957



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MID	BERGEN COUNTY ENGS	C
#ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P	N.J. FORESTRY SVC	3 7
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P	MRS. ED C. HOFFNAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P	MISS C. S. MIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A	SAMUEL H. MC CULLEY	3
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A	HENRY M. MILLER	3
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WTR WKS	2 3 5
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		8A	AMERICAN CYANAMID CO	3
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A	ALBERT N. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 6
CANTON	1343	SALEM	2	39 28	75 25	20		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	N.WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P	WILLIAM S. HAINES	INAC 1/57
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	2	39 41	75 30	12		MID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		7A	JOHN LOPER	3
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. NOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540		MID	GAMMA CHEMICAL CORP.	C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A	GEORGE T. WIGGINS	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HANNONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. HUBBARD PARKHURST	2 3 5
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1600	8A	8A	N. J. DEPT. OF CONS.	2 3 5
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
HIGHTSTOWN PUMPING STA	3956	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	131	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LANBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5 7
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. N. DEPUE	2 3 5 7
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P	LEESBURG STATE FARM	2 3 5
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	151	9A	9A	PASSAIC VLY WTR COMM	2 3 5 7 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID	STORM WARN. DSPL STA	2 3 5 7 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5095	BURLINGTON	2	39 58	74 48	25		MID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		9A	NEWARK WATER DEPT	3
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A	ROBERT G. GLASGOW	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P	DAVID GRISCOM	3
NAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P	ELMER EARLE	3 7
NIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		8A	RIDGEWOOD WATER CO.	3
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	8A	L. J. GALLAHER	2 3 5 7 C
MILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	MID	8A	M. J. WILLARD	2 3 5 7
NORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTHUR H. AHLQUIST	2 3 5 7 G
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
OLDWICK	6544	HUNTEROON	10	40 40	74 45	260		8A	DAN A. COUGHLIN	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. DOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5 7
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P	MRS VIVIAN SCHERER	2 3 5 7
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A	JOHN H. BERRYMAN	3
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID	PRINCETON WATER CO	3
RAHWAY	7393	UNION	9	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 7 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER CONN	2 3 5 6
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. HAVER	2 3 5 7
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		MID	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A	BRICE B. STANTON	2 3 5
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		MID	H. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MID	E. M. RISTOW	2 3 5
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P	REV EDWARD D. MEGILL	2 3 5
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		8A	WATER SUPPLY CONN	3 7 C
WATCHUNG	9271	UNION	8	40 40	74 25	-		MID	BONNIE BURN SAN.	C
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		7A	ROBERT M. MANNERS	3
#WESTFIELD	9455	UNION	9	40 39	74 21	138		5P	CITY ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		MID	HACKENSACK WATER CO	3 C
WOODSTOWN 5 WSW	9910	SALEM	2	39 38	75 25	30	7A	7A	RAYMOND L. BLEW. JR.	INAC 10/57
NEW STATIONS										
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	6P	6P	GEORGE D. WADDILL	2 3 5 7 C
CONBINED STATIONS										
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	9	9	CONBINED W/STA 4700	7/57

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6. Max and Min in Table 8 refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "D. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 8 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in the standard of time in local use. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- \- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5, is indicated by no entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.
- \+ And also on a later date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- \# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- G In the "Refer to Tables" column in the Station Index the letter "G" indicates that soil temperatures are published.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Data".)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, Annual for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DSCOMM-WB-Asheville, N. C. --- 1/3/56 --- 750

1.05
NJ
p.1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

DECEMBER 1957
Volume LXII No. 12

THE LIBRARY OF THE
FEB
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1958

WEATHER SUMMARY

GENERAL

December's weather was much warmer and wetter than usual. The excess in precipitation ended the serious water shortage.

Temperature averages at all stations where comparative data are available were substantially above long-term figures. Departures ranged from + 2.5° at Laurelton 1 E to + 6.2° at Phillipsburg. The highest temperature for the month was a mild 68° at Phillipsburg on the 20th, while the lowest for the month was a cold 4° on the 6th at Long Valley and on the 13th at Layton 3 NW. There were eleven stations with minimum temperatures for the month that were equal to or lower than 10°.

Monthly precipitation totals for all stations where comparative figures are available were well above long-term averages, with departures ranging from + 1.86 inches at Belvidere to + 6.07 inches at Charlotteburg. Monthly totals ranged from 3.34 inches at Canton to 12.10 inches at Milton. The greatest one day measurement was 4.23 inches at Greenwood Lake on the 21st. There were 36 stations that reported monthly snowfall totals that were equal to or exceeded 10 inches, but topping the list was Freehold with a monthly total of 26.0 inches.

WEATHER DETAILS

Moderately cold weather prevailed on the 1st with average temperatures showing slight minus departures from long-term means. On the 2nd temperatures rose slightly with average readings showing departures that were average or slightly above long-term means. Temperatures receded again on the 3rd and a moderately cold spell prevailed during the period 3rd-6th. A quick warm-up occurred on the 7th and for the four day period 7th-10th moderately warm weather for the season prevailed being more pronounced on the 7th and 8th. A rapidly moving blast of cold Arctic air began affecting the State's weather with slightly below average readings on the 11th, by the 12th the cold air held a tight grip and minimum temperatures plunged into the teens on the 12th and 13th. Temperatures rose rather rapidly on the 14th which marked the beginning of a period of warmer than usual weather that continued until the month ended. During the period 19th-24th and on the 26th it was unseasonably warm.

Precipitation fell during the month at rather frequent intervals. Based on reports from Weather Bureau offices the most noteworthy amounts occurred on the 4th, 9th, 20th, and 26th, and these same reports showed a trace or more falling on 16 to 18 days of the month. Monthly totals for all stations where comparisons could be made were substantially above long-term means. Weather Bureau offices in the State reported measurable snowfall on the 3rd, 4th, 11th, and 12th, but all offices did not report measurable snow on each of the four dates. However, all offices did report their greatest fall on the 4th as follows: Atlantic City WB 4.0 inches, Trenton WB City 7.1 inches, and Newark WB Airport 12.4 inches.

WEATHER EFFECTS

Early in the month winter grains were doing well, and reservoirs were showing some improvement but still quite low. Additional rains fell as the month progressed and reservoirs continued rising. Soil moisture was good and winter grains continued doing well. Heavy rains around the 20th were very beneficial, but caused some flooding in most small and medium streams. As the month neared its end reservoir levels were up 10 to 14 feet as a result of additional rains, and the water crisis was reported to have ended. Winter grains made good growth during December, due to the mild temperatures and ample rainfall. Continued heavy winter feeding plus the use of some rye pasture during December and a high percentage of cows being milked, resulted in a record milk production per cow in December.

DESTRUCTIVE STORMS

Snowfall over the State on the 3rd-4th ranged from 1 to 2 inches along the southeast coast to 13 inches in the northern half of the State. One death due to exertion and one due to exposure were charged to the storm.

On the 11th-12th snowfall over the State ranged from 1 inch along the coast to 8 or 9 inches in northwestern counties.

Central and northern New Jersey experienced some wind damage to roofs, trees, and utility lines in several scattered communities on the 20th.

FLOODS

Some damage from floods occurred in central and northern New Jersey on the 20th-21st, and the 26th-27th.

The U. S. Geological Survey reported that water supplies improved spectacularly during December. The level of Wanaque Reservoir rose more than 20 feet as the usable contents increased from 25 percent to 63 percent of capacity during the month. Streamflow was excessive throughout the State in contrast to deficient flow for the last 6 months in northern New Jersey. Rivers were at or near flood stage in northern New Jersey on December 21 and again on December 26. A few families were evacuated from their homes on the flood plains of Ramapo, Pompton, and Raritan Rivers but damage was minor. A greater-than-average seasonal rise was observed in the key well near Old Bridge but the level remained well above average.

Franklin W. Long, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

SPECIAL NOTICE

A survey has indicated that the comprehensive narrative weather story carried in each issue of Climatological Data is of value to only a small number of recipients. This story will be discontinued, therefore, with the January 1958 issue. A table of extremes will be carried each month and a text will be carried whenever unusual and outstanding weather events have occurred. General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

CLIMATOLOGICAL DATA

TABLE 2

NEW JERSEY
DECEMBER 1957

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max 90° or Above	Max 32° or Below	Min 32° or Below	Min 0° or Below	Precipitation: Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: 1.0 or More	50 or More	1.00 or More
NORTHERN																								
BELVIDERE		44.3	28.6	36.5	4.5	65	20	11	6+	875	0	2	20	0	5.50	1.86	1.41	21	5.5			8	4	2
BOONTON 2 SE	AM	43.5	27.5	35.5	3.9	61	21	11	6+	905	0	3	23	0	8.70	5.46	3.36	21				13	5	2
CANOE BROOK	AM	43.9	26.7	35.3	4.0	60	21	13	12+	913	0	3	23	0	7.44	3.92	1.65	21	14.0	11	5	13	4	2
CHARLOTTEBURG	AM	43.7	24.7	34.2	3.1	60	21	6	6	948	0	3	25	0	10.02	6.07	3.75	21	13.5	10	5	11	5	2
ELIZABETH		46.5	30.5	38.5	3.7	61	21	14	13	816	0	1	19	0	6.08	2.66	1.30	26	13.0	12	5	12	5	1
ESSEX FELLS SERV BLDG	AM	43.4	28.9	36.2		59	22	14	13	891	0	3	18	0	8.73		2.68	21				12	5	2
FLEMINGTON 1 NE		45.2	27.7	36.5	3.0	63	20	5	6	877	0	2	21	0	6.20	2.85	1.42	21	19.0	11	4	12	4	2
HIGH POINT PARK		38.4	24.9	31.7		57	21	8	12	1028	0	9	27	0	7.54		3.10	21		9	12		2	2
JERSEY CITY		43.2	33.3	38.3	4.7	59	21	17	12+	822	0	3	14	0	5.81	2.63	1.38	20	13.5			9	4	1
LAMBERTVILLE		45.7	29.3	37.5	3.8	62	20+	10	6	844	0	2	19	0	5.48	2.33	1.50	26	11.9	9	4+	11	4	1
LAYTON 3 NW		43.1	25.1	34.1	5.3	60	20+	4	13	948	0	3	25	0	6.92	4.18	1.89	26	4.7	3	4+	8	3	3
LITTLE FALLS 1 E	AM	45.9	29.2	37.6	4.0	62	21	14	6	845	0	3	20	0	9.15	5.37	2.72	21	11.5	9	5	13	4	2
LONG VALLEY		44.8	26.6	35.7		61	21	4	6	901	0	2	23	0	0 9.08	5.52			16.0					
MORRIS PLAINS		45.4	28.3	36.9		61	21	9	6	865	0	2	20	0	8.33		1.95	20	11.9			13	5	3
NEWARK WB AIRPORT	R	45.7	32.4	39.1	5.1	61	20+	16	13	796	0	3	16	0	5.74	2.64	1.47	20	16.2	9	5	9	4	2
NEWTON	AM	42.4	25.6	34.0	4.1	61	21	7	6	952	0	3	26	0	0 6.13	3.00	2.02	21	7.0	4	5	11	3	2
PATERSON	AM	46.0	28.4	37.2	3.1	60	21	12	12	843	0	2	21	0	7.59	3.91	2.05	21	17.0	14	5	12	5	2
PHILLIPSBURG		47.1	30.3	38.7	6.2	68	20	12	12	808	0	2	19	0	5.87	2.30	1.28	21	8.0	6	5	12	5	2
PLAINFIELD		45.6	29.5	37.6	3.5	61	20	12	13	839	0	3	20	0	7.20	3.77	1.68	26	14.8			12	5	3
RIDGEFIELD		45.1	31.9	38.5	5.0	59	20	16	12+	815	0	3	17	0	6.23	2.63	1.95	20	14.0	12	4	9	3	3
SOMERVILLE		44.8	29.1	37.0	3.8	62	21	12	12+	863	0	2	20	0	6.50	3.27	1.23	21	11.3	9	4	11	5	3
SUSSEX 3 N	AM	42.7	24.3	33.5	2.9	62	24	9	13	970	0	2	26	0	5.31	1.89	2.25	21		4	4+	9	2	1
DIVISION				36.4	3.9										7.07	3.60			12.4					
SOUTHERN																								
AUDUBON		47.2	31.5	39.4		64	20	14	12	787	0	2	19	0	5.23		1.17	20	20.0	13	4	11	4	3
BELLEPLAIN		50.0	30.5	40.3		62	21	13	12	758	0	1	19	0	0 6.97	3.44	1.70	20	3.0			10	5	3
BRIDGETON 1 NE	AM																							
BURLINGTON		48.4	32.1M	40.3M	4.3	64	21	15	12	763	0	1	19	0	4.98	2.04	1.25	26				10	4	1
CHATSWORTH 5 S		48.3	31.3	39.8		60	7+	10	13	778	0	2	19	0	5.80		1.21	26	6.0	3	12+	11	4	2
CLAYTON		47.1	31.5	39.3		63	20	13	12	789	0	2	19	0	7.20		1.45	20	9.9	9	4+	13	5	2
FREEHOLD		46.2	30.6	38.4	3.7	61	20+	11	12+	819	0	2	19	0	5.86	2.48	1.33	26	26.0	10	5			
HAMMONTON 2 NNE	AM	48.1	31.7	39.9	3.8	62	20+	12	12	771	0	1	19	0	6.07	2.95	1.97	21				12	4	1
HIGHTSTOWN 1 N		46.2	30.7	38.5	4.2	62	19+	11	12	815	0	2	19	0	5.60	2.68	1.16	20	12.0	7	5	12	4	2
INDIAN MILLS 2 W		47.1	28.5	37.8	2.8	63	20	8	13	836	0	2	23	0	6.25	3.13	1.37	26	10.2	5	5			3
LAURELTON 1 E		47.5	28.0	37.8	2.7	61	23	11	13	836	0	2	22	0					7.8					
LEESBURG STATE FARM		48.6	31.3M	40.0M		57	2+	15	12	766	0	1	21	0	5.43		1.30	9				8	5	2
MILLVILLE	AM	49.5M	32.1M	40.8M		63	21	16	12+	742	0	1	19	0	5.42		1.27	9	3.0			10	4	2
MOORESTOWN		46.1	31.6	38.9	4.1	63	20	14	12	803	0	3	18	0	5.47	2.72	1.28	21	10.0	8	5+	12	3	2
NEW BRUNSWICK EXP STA		46.4	31.3	38.9	4.7	62	21	13	12+	802	0	2	19	0	5.71	2.65	1.13	21	10.2	4	4+	9	5	3
PEMBERTON 3 E		47.8	30.2	39.0	3.3	62	20	11	12	800	0	2	20	0	6.50	3.59	1.19	21	10.5	6	5	12	5	3
† PLEASANTVILLE 1 N	AM	48.2	28.4	38.3	2.8	61	25	12	13	820	0	1	24	0	6.27	2.69	.94	9		1	5+	11	6	0
† RUNYON		49.5	27.0	34.3	2.8	63	21	10	13	824	0	1	23	0	6.97	3.63	1.37	26				12	6	3
TRENTON 2				M										0	6.74	3.45			15.0					
TRENTON WB CITY	R	45.3	33.1	39.2	4.2	63	20	13	12	794	0	3	12	0	4.70	1.92	1.22	20	9.9	8	5	9	4	2
† TUCKERTON		47.7	30.5	39.1		60	24	14	12	798	0	1	19	0	6.09		1.10	9				10	7	1
DIVISION				39.3	4.1										5.87	2.71			11.0					
COASTAL																								
ATLANTIC CITY WB	R	48.4	36.1	42.3	4.1	60	24	16	12	699	0	1	8	0	6.78	3.47	1.42	4	4.6	2	5	9	6	2
CAPE MAY 3 W		49.8M	36.9M	43.4M		58	7	19	12	664	0	1	9	0	6.13		1.18	4				9	6	3
LONG BRANCH		46.7	32.8	39.8	4.6	62	23	15	12+	773	0	2	16	0	6.09	2.55	1.57	26	5.6	3	4	10	4	2
SANDY HOOK LBSTA																								
DIVISION				41.8	4.9										6.33	3.12			5.1					

† DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

See Reference Notes Following Station Index

DAILY PRECIPITATION

Table 3

NEW JERSEY
DECEMBER 1957

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of month																														
ATLANTIC CITY WB R	6.78			.09	1.42	T	.05	.48	.71	1.23	.67	.14	T							T	.88	.08			T		.80		.02	.21		T
AUDUBON	5.23			.10	1.11		.15	.19	.17	.86	T	.15	.15							T	1.17				T		1.08		T	.12		
BASS RIVER ST FOREST	1.91				.85	.17			1.44	.65	.20	.37									.66	.86					1.47	.05		.29		
BELLEPLAIN D	6.97				.75	D.20		.47	.53	1.30	.40	.24									1.70						1.10			.28		
BELMAR	4.79							.09	.29	.95																	3.46		T	T		
BELVIDERE	5.50				.62		.03	.46		.63	.20		.06							.26	.39	1.41			.04		1.40					
BERLIN 1 W	5.94	.50			.45			.35	.40	.43	.18	.10	.16								T	2.00					T	1.37				
BLACKWELLS MILLS	7.65	.83			.04	.69		.28	.24	.44	.76	.05	.64							.04	.16	2.14					.05	1.15		.14		
BOONTON 2 SE	8.70	.70			.29	.16		.22	.11	.34	.51	.04	.20				T			.09	.96	3.36				T	.12	1.48		.12		
BOUND BROOK 1 W	6.56	.79			.14	.14		.27	.17	.38	.63	.02	.12							.03	.17	2.30					.10	1.17		.13		
BRANCHVILLE	6.61	.50			.26	.12		.17	.22	.25	.41	.03	.16							T	.43	2.49				.07	T	1.50				
BRIDGETON 1 NE		RECORD MISSING																														
BURLINGTON	4.98				.50		.05	.25	.20	.75	.13	.33	.03							.02	.48	.87					1.25	T		.12		
CANISTEAR RESERVOIR	9.56	.74			.26	.13		.25	.08	.31	.45	.06	.14		T	T				.04	1.04	3.47				T	.31	2.27		.01		
CANOE BROOK	7.44	.91			.32	.34		.23	.17	.45	.47	.07	.27							.04	.37	1.65					.52	1.48		.15		
CANTON	3.34				.33	.46	.01	.09	.21	.59		.01	.20								.01	.60				T	.02	.78		.03		
CAPE MAY 3 W	6.13				1.18	.08		.03	1.00	1.11	.51	.27								.02	.15	.58					.87			.33		
CEDAR GROVE	9.77	1.02			.27	1.40		.30	.20	.35	.50	.20	.34							.06	.30	2.58					.20	2.05				
CHARLOTTEBURG	10.02	.75			.32	.48		.21	.08	.36	.58	.02	.25			T	T			.09	.98	3.75					.35	1.72		.08		
CHATHAM	8.54	.83			.27	1.03		.26	.21	.43	.56	.10	.33							.04	.34	2.09					.35	1.54		.16		
CHATSWORTH 5 S	5.80				T	.59		.13	.47	.97	.31	.30	.21							T	.40	1.03			T		1.21			.18		
CLAYTON	7.20				.79	.24	.37	.43	.51	.90	.20	.30	T						T	T	1.45	.35			T		1.42	.12		.12		
CLINTON	6.45				.90	.08	T	.36	.07	.66	.25	.06	.09				.07	.08			*	2.08			T		1.60	.12		.03		
DEEPWATER	4.77				1.00			.32	.20	.18	.74								.01	.09	1.07	.04					.97		.01	.14		
ELIZABETH	6.08				.83	.23	.01	.30	.11	.93	.13	.31	.20							.04	.75	.80				.01	1.30	.01		.12		
ELIZABETHPORT	5.10			.09	.61		.16	.17	.08	.81	.18	.28								.03	1.42	.03					1.14			.10		T
ESSEX FELLS SERV BLDG	8.73	.72			.41	.62		.32	.15	.32	.78		.32								.31	2.68					.27	1.83				
FLEMINGTON 1 NE	6.20	T			.40	.01	.05	.41	.15	.79	.27	.24	.08							.04	.59	1.42			.15		1.29	.16		.15		
FORTESCUE	5.53	.50			.53	.15		.08	.43	.97	.61	.28	.17									.90					.16	.60		.15		
FREEHOLD	5.86				*	1.22	.01	.17	.17	.71	.25	.32	.13							T	.55	.90					1.33	.05		.05		
GREENWOOD LAKE	10.77	.82		T	.32	.24		.32	.04	.32	.64	.05	.32		T					.07	.93	4.23				.03	.10	2.26		.08		
HAMMONTON 2 NNE	6.07	.15			.42		.15	.28	.53	.57	.12	.36									.08	1.97			.01		.34	.95		.14		
HIGH POINT PARK	7.54	.39			.34			*	.35	.16	.49	.01	.26							.20	.47	3.10					.36	1.39				.02
HIGHTSTOWN 1 N	5.60				.42	.12	.03	.19	.25	.62	.18	.25	.14							T	1.16	1.13			T		.99	.02		.10		
INDIAN MILLS 2 W	6.25			T	*	.74	.09	.14	.24	.82	.24	*	.35							T	1.10	1.03			T		1.37	.01		.12		
IRVINGTON	5.83			.07	.64		.10	.20	.06	.86	.15	.23					T		.03	.21	1.56	.32					1.39	.01				
JERSEY CITY	5.81			.08	.96		.21	.16	.05	.94	.45	.46	.04				.01			.02	1.38	.08			.08		.76			.13		
LAMBERTVILLE	5.48				.90	.10	.06	.39	.13	.91	.29	.15	.05							.18	.63						1.50	.07		.12		
LAURELTON 1 E	-			.10	1.05		.09		-	-		.22	T							T	1.15	.13			T		-					
LAYTON 3 NW	6.92				.30		.02	.46	.03	.41	.41	.01	.06		T					.46	1.31	1.51			.01		1.89	.01	.01	.02		
LEESBURG STATE FARM	5.43				.78	.05		.09	.76	1.30	.50	.33								.05	.17						1.17			.23		
LITTLE FALLS 1 E	9.15	.76			.35	.46		.26	.07	.47	.40	.12	.31							.07	.40	2.72				T	.59	2.02		.15		
LONG BRANCH	6.09			.03	.79		.12	.08	.24	.80	.35	.34	T							T	1.40	.23			T		1.57		.01	.13		T
LONG VALLEY D	9.08				*	0.20		.38	.35	.63	.22	.15	.10							.52	*	3.15			.03		2.35					
MACOPIN INTAKE	9.69	.96			.26	.34		.18	.02	.36	.49	.01	.25				T			.08	.84	3.84					.31	1.67		.08		
MAHWAH	9.30	.79			.35	.16		.24	.06	.37	.48	.14	.27				.01			.06	.82	3.10					.10	2.20		.15		
MANVILLE	6.22			T	.36		.04	.24	.14	1.00	.15	.45	T				T		T	.12	2.20	.20					1.32			T		T
MARLTON 1 W	5.20				.75		.04	.10	.38	.68	.20	.35								.01	.49	.91					1.05	.06		.18		
MAYS LANDING	5.56				.40	.03		.10	1.00	.71	.17	.36	.30							.02	.50	.90					.82			.25		
MIDLAND PARK	8.50	.85			.72			.16	.08	.14	.69	.27	.36							.53	2.19	.19					*	2.17		.15		
MILLVILLE	5.42	.33			.56	.02	.12	.18	.34	1.27	.26	.16									1.03	.04					.93		.08	.08		.02
MILTON	12.10	.75			.41	.50		.33	.15	.25	.82	.05	.65							.19	.90	3.59					.51	2.96		.04		
MOORESTOWN	5.47	.67			.28	.29		.20	.15	.43	.47	.02	.21							T	T	1.28					.14	1.04		.29		
MORRIS PLAINS	8.33	.01	T		.50	.26	.02	.41	.03	.70	.27	.14	.18				T			.11	1.95	1.91			T		1.56	.16	T	.12		
NEWARK WB AIRPORT R	5.74			.09	.97		.17	.19	.04	.73	.26	.42	.03				T			.03	1.47	.07			T		1.16		T	.11		T
NEW BRUNSWICK EXP STA	5.71				.43	.03	.05	.27	.54	.52	.08	.18	.08							.08	1.12	1.13			T		1.10			.10		
NEW MILFORD	5.93			.10	.70		.18	.12		.72	.34	.28	.06							.16	1.94	.14					1.10			.09		
NEWTON D	6.13	.58			0.30	.10		.27	.15	.24	.40	.02	0.30							T	.22	2.02					.08	1.45				
OAK RIDGE RESERVOIR	10.48	.68			.34	.40		.24	.12	.41	.64	.06	.70			.02				.06	1.04	3.30				.03	.40	2.00		.04		
OLDWICK	7.82	.82			.31	.49		.30	.17	.39	.58	.02	.15							.05	.36	2.33				.02	.23	1.48		.12		
ORANGE	6.96				.92			.22	.17	.67	.24	.13	.32							.12	.69	1.60					1.49	.30		.09		
PATERSON	7.59	.43			.25	.87		.18	.08	.44	.54	.28	.25	T			T			.03	.33	2.05					.65	1.13		.08		
PEMBERTON 3 E	6.50				.73	.20		.19	.20	.74	.22	.31	.23								1.16	1.19					1.16	.05		.12		
PHILLIPSBURG	5.87				.62	.24	T	.46	.15	.55	.27	T	.19				T			.15	.65	1.28			T		1.13	.18		T		
PHILLIPSBURG BRIDGE D	6.38	.39			0.20	.60			.49	*	.76	.03	.01				T			.06	.37	2.00				.02		1.42		.03		
PLAINFIELD	7.20				1.02		.30	.19	.40	.65	.14	.19	.15				T			.08	1.39	.88			.01		1.68			.12		
PLEASANT RUN	7.16	.57			.34	.45		.12	.48	.14	.68	.02	.38				.04			.04	.40	1.87					.48	1.15		T		
PLEASANTVILLE 1 N	6.27	.45			.62	.56		.09	.65	.94	.87	.35	.09									.34				T	.25	.82		.24		
PRINCETON WATER WORKS	5.56			.07	.74		.14	.19	.17	.75	.05	.30								.02	1.79						1.27			.07		
RAHWAY	4.71			.08	.30		.15	.11	.09	.80	.13	.20	.04							T	1.54	.04			T		1.23			T		T
RIDGEFIELD	6.23			.03	1.19		.27	.10	.04	.44	.40	.44		T			T			.04	1.95	.09			T		1.13			.11		T
RINGWOOD	8.80	.62			.34	.30		.23	.04	.50	.35	.03	.30				T	T	T	.13	1.27	2.86					1.03	.69		.11		
RUNYON	6.97				1.15	.25		.30	.40	.60	.27	.17	.50								.64	1.14					1.37	.05		.13		
SANDY HOOK LBSTA		RECORD MISSING																														
SOMERVILLE	6.50				.61	.02	.03	.35	.13	.90	.23	.22	.07							.18	1.14	1.23					1.22	.04		.13		
SPLIT ROCK POND	10.37	.90			.47			.26	.36	.35	.10	.70								.76	1.18	3.94					*	1.27		.08		
SUSSEX 3 N	5.31	.49			.21			.24	.08	.19	.45	.04	.15		.01					T	.20	2.25					.02	.98		T		
SWEDESBORO 5 NW	3.61	.01			.37	.03		.28	.18	.70	.20	.06	.02	T						.02	.03	.65		T			.65	.28		.13		
TOMS RIVER	-				.95	-		.20	.70	.20	.62	.20	.20								.41	-					2.44					
TRENTON 2	6.74			.19	1.21		.14	.38	.23	.77	.10	.42	.07							*	*	*					*			3.23		
TRENTON WB CITY R	4.70			.10	.75		.11	.20	.19	.62	.04	.28	T							.01	1.22	.05			T		1.05			.08		T
TUCKERTON	6.09	.90						.20	.60	1.10	.40	.34									.50	.65					.90	.50				
VINELAND	5.60	.31			.47	.18		.09	.37	.47	.72	.10	.19								.12	1.40					.08	.98		.12		
WANAQUE RAYMOND DAM	8.95	.81			.29	.39		.20	.06	.38	.50	.04	.28				.02			.09	.98	3.12					.17	1.49		.13		
WERTSVILLE	5.90	.68			.17	.16		.25	.26	.43	.84	.01	.29						T	T	.21	.95	T				.74	.80		.11		
WESTFIELD	7.26			.08	.97		.15	.28	.13	.90	.16	.32	.03							.08	2.16	.07					1.83			.09		.01
WOODCLIFF LAKE	6.57			.10	.78		.20	.10		.80	.33	.24	.02							.34	2.14	.14					1.24			.14		

SUPPLEMENTAL DATA

Station	Wind direction: Prevailing	Wind direction: Percent of time from prevailing	Wind speed m. p. h.: Average	Wind speed: Fastest mile	Wind speed: Direction of fastest mile	Wind speed: Date of fastest mile	Relative humidity averages - percent: 1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Number of days with precipitation: Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sunset
ATLANTIC CITY WB	-	-	18.3	56	N	4+	-	-	-	-	5	4	3	4	2	0	18	51	6.2
LONG BRANCH	NW	20	16.2	56	N	4	-	78	73ø	71	4	3	6	2	2	0	17	49	6.7
NEWARK WB AIRPORT	SSW	13	9.9	35++	S	20	73	75	63	71	4	5	5	2	2	0	18	-	6.9
TRENTON WB CITY	-	-	9.7	34	S	20	-	-	-	-	3	4	5	2	2	0	16	49	6.3

ø 12:00 Noon

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ATLANTIC CITY WB	MAX	43	54	42	44	38	50	54	53	50	46	44	23	38	47	49	50	48	48	52	59	58	53	50	60	47	55	46	53	50	46	50	48.4
	MIN	31	39	34	29	27	29	48	45	42	38	23	16	20	35	34	42	36	34	48	50	46	41	44	39	32	43	36	36	35	34	34	36.1
AUDUBON	MAX	41	52	40	32	36	44	55	55	43	41	40	23	33	46	47	49	45	48	63	64	57	51	59	55	46	59	45	51	47	44	51	47.2
	MIN	29	34	30	27	23	19	39	41	38	37	21	14	17	27	31	32	29	33	44	55	42	34	30	39	30	36	32	28	31	30	29	31.5
BELLEPLAIN	MAX	45	55	50	40	35	50	51	50	51	44	41	32	35	48	49	51	52	50	59	61	62	57	58	58	58	58	50	51	56	45	48	50.0
	MIN	28	34	27	32	25	17	41	42	41	37	30	13	17	24	28	26	27	27	42	46	47	35	25	38	28	33	35	23	32	24	22	30.5
BELVIDERE	MAX	42	46	40	33	37	35	46	49	44	40	39	27	27	39	46	40	44	40	58	65	62	50	51	50	44	56	45	44	46	44	44	44.3
	MIN	27	26	23	27	22	11	33	36	33	33	27	11	14	24	29	23	30	27	38	56	47	42	26	28	26	34	34	25	33	21	21	28.6
BOONTON 2 SE	MAX	44	37	47	35	30	37	40	55	43	40	39	39	20	28	44	46	40	43	43	57	61	54	50	52	52	47	50	40	44	46	40	43.5
	MIN	28	27	20	25	22	11	15	40	35	35	34	16	11	19	28	28	32	26	29	43	48	40	25	28	25	28	38	24	27	25	21	27.5
BRIDGETON 1 NE	MAX																																
	MIN																																
BURLINGTON	MAX	46	54	46	38	35	43	55	56	55	42	40	27	33	44	44	47	45	46	63	63	64	52	58	55	49	58	49	52	47	42	48	48.4
	MIN	28		29	28	25		36	44	37	36	28	15	16	24	30	29	29	30	41	56	48	40	30	38	30	34	30	28	38	28	26	32.1
CANOE BROOK	MAX	44	37	48	35	30	37	42	52	43	40	39	39	19	29	42	46	40	45	49	57	60	55	50	55	56	50	56	41	44	42	38	43.9
	MIN	28	29	19	26	22	15	19	40	37	35	33	13	13	16	19	26	29	22	28	49	51	41	23	30	20	20	37	23	27	20	18	26.7
CAPE MAY 3 W	MAX	47	54	48	46	36	51	58	54	56	45	44		36	48	44	49	45	52	56	57	57	49	55	55	49	55	47	51	50	50	51	49.8
	MIN	32	38	33	34	30	31	46	45	38	39	32	19		31	36	39	38	33	46	48	47	44	42	36	31	38	41	28	40	38	33	36.9
CHARLOTTEBURG	MAX	52	37	44	33	28	35	42	51	43	40	38	38	17	31	45	44	46	43	42	55	60	55	48	59	53	55	57	38	43	44	38	43.7
	MIN	25	24	20	24	20	6	10	38	37	32	32	12	9	15	28	23	31	24	26	40	40	37	23	24	25	25	35	21	25	19	16	24.7
CHATSWORTH 5 S	MAX	42	53	47	38	40	48	60	54	47	43	40	30	30	51	42	53	48	42	57	60	60	51	60	55	50	56	47	52	48	44	48	48.3
	MIN	30	34	25	32	26	20	45	42	42	37	30	12	10	27	26	26	26	26	42	52	48	35	28	43	28	33	37	27	30	28	24	31.3
CLAYTON	MAX	43	52	41	35	34	45	50	52	45	43	40	26	32	42	44	51	46	47	54	63	62	60	54	54	51	57	44	48	51	45	48	47.1
	MIN	28	31	30	24	24	16	37	40	39	35	24	13	16	24	30	30	32	29	42	53	51	39	30	37	29	38	34	31	38	28	25	31.5
ELIZABETH	MAX	45	51	40	36	40	40	48	53	44	40	40	34	29	38	47	41	49	42	58	60	61	54	55	55	48	56	50	46	50	42	48	46.5
	MIN	29	29	24	27	20	15	34	42	38	36	32	18	14	20	27	28	30	31	41	53	48	37	29	35	26	33	35	26	37	26	24	30.5
ESSEX FELLS SERV BLDG	MAX	42	35	46	36	26	34	40	50	42	44	38	42	22	30	42	43	42	43	48	56	58	59	48	52	53	46	51	42	48	46	42	43.4
	MIN	28	28	26	24	17	18	20	34	38	38	34	16	14	16	22	27	33	30	36	38	40	40	34	36	28	34	38	30	26	30	22	28.9
FLEMINGTON 1 NE	MAX	42	50	44	33	36	35	47	50	43	40	39	29	28	41	46	40	44	40	60	63	62	53	56	55	46	58	45	42	46	41	48	45.2
	MIN	28	21	22	28	24	5	33	41	37	35	29	11	6	18	21	24	31	27	38	54	49	39	23	30	22	30	36	20	35	22	20	27.7
FREEHOLD	MAX	42	51	42	34	35	43	53	55	42	40	35	31	30	48	45	44	43	43	59	61	61	50	58	53	45	57	47	51	47	40	46	46.2
	MIN	28	29	26	29	18	15	38	42	39	35	30	11	11	23	29	30	29	28	41	53	47	37	30	41	27	33	35	27	37	27	24	30.6
HAMMONTON 2 NNE	MAX	55	43	53	41	33	36	51	59	46	46	40	36	23	34	50	52	53	45	53	62	62	58	52	59	58	56	58	40	53	41	42	48.1
	MIN	34	29	29	30	23	19	32	42	42	37	32	12	13	24	31	31	31	29	33	53	55	39	32	36	29	34	35	29	33	28	26	31.7
HIGH POINT PARK	MAX	41	37	37	27	27	29	36	46	38	33	31	29	11	28	38	38	42	36	43	54	57	54	42	55	45	47	51	32	38	35	32	38.4
	MIN	18	24	22	22	15	16	24	34	30	29	28	8	10	9	24	28	30	22	23	43	45	32	28	34	21	28	27	16	29	26	26	24.9
HIGHTSTOWN 1 N	MAX	43	50	43	35	35	42	51	53	42	41	39	30	29	43	44	44	45	44	62	62	62	50	56	52	48	58	45	49	47	41	47	48.2
	MIN	29	30	26	28	21	14	36	41	39	36	30	11	13	20	27	30	30	29	40	56	48	38	31	40	26	33	35	27	38	26	24	30.7
INDIAN MILLS 2 W	MAX	40	51	39	34	35	46	57	55	45	40	38	25	32	48	45	52	44	47	60	63	62	49	59	57	46	58	43	53	47	43	48	47.1
	MIN	29	28	26	28	22	12	40	41	39	36	25	11	8	19	23	27	26	23	41	55	45	32	25	38	26	32	30	23	30	23	19	28.5
JERSEY CITY	MAX	38	45	35	32	37	38	53	51	40	39	38	22	27	39	40	41	45	44	53	56	59	50	53	51	42	52	40	45	47	39	47	43.2
	MIN	30	32	31	27	24	25	39	39	36	34	23	17	17	30	34	35	35	32	44	53	45	41	37	37	29	41	34	32	35	34	30	33.3
LAMBERTVILLE	MAX	42	51	40	35	37	40	47	51	42	40	39	29	30	43	45	42	45	43	60	62	62	51	56	54	47	57	44	46	48	42	47	45.7
	MIN	29	25	23	28	23	10	35	40	37	35	28	12	15	24	23	26	25	28	39	53	48	37	27	35	25	34	34	26	36	25	22	29.3
LAURELTON 1 E	MAX	40	53	40	37	37	47	59	54	46	42	38	23	32	48	46	55	47	47	57	58	59	52	61	58	45	55	45	51	50	43	48	47.5
	MIN	28	26	21	27	18	14	41	43	39	33	23	12	11	28	26	26	25	25	47	51	41	27	24	33	23	40	23	21	26	24	22	28.0
LAYTON 3 NW	MAX	40	40	36	32	36	33	45	45	40	38	38	30	27	35	45	42	43	36	56	60	60	50	56	50	45	55	48	47	47	40	40	43.1
	MIN	25	25	14	26	19	6	30	38	32	31	27	12	4	20	20	20	28	19	33	50	40	35	20	30	24	28	35	20	32	16	19	25.1
LEESBURG STATE FARM	MAX	48	57	53	42	33	47	55	54	50	50	42	32	33	45	47	49	43	47	55	55	57	56	54	53	54	53	50	50	50	45	47	48.6
	MIN	21	34	27	32	25	19	44	39	39	32		15	19	30	30	33	30	30	35	48	47	32	32	34	31	25	30	32	39	31	25	31.3
LITTLE FALLS 1 E	MAX	44	40	49	38	32	41	44	53	46	43	40	41	22	32	40	42	43	47	51	58	62	59	53	56	55	51	57	44	47	50	42	45.9
	MIN	28	29	26	28	22	14	21	41	36	35	35	15	15	19	28	32	32	26	33	43	41	41	28	34	27	33	37	27	29	26	23	29.2
LONG BRANCH	MAX	38	51	38	38	36	46	59	55	43	41	40	25	30	50	45	47	44	47	57	60	57	50	62	56	49	55	42	48	48	43	49	46.7
	MIN	30	34	27	28	24	19	42	42	40	36	25	15	15	31	31	35	31	38	48	53	45	35	34	35	32	42	30	28	33	31	27	32.8
LONG VALLEY	MAX	41	49	40	32	40	41	47	47	41	39	38	37	30	41	46	41	45	38	56	60	61	50	53	50	48	55	48	42	48	39	45	44.8
	MIN	26	22	19	25	19	4	32	38	35	33	29	19	9	19	22	21	25	26	31	52	46	35	23	29	24	30	34	24	34	21	18	26.6
MILLVILLE	MAX	58	43	55	43	36	37	52	59	52	50	41	39	25	35	50	47	53	46	56	62	63	58	52	58	59	57	57		50	46	45	49.5
	MIN	29	32	32	31	26	22	30	48	42	39	31	16	16	21	28	28	33	30	36	53	48	37	29	34	30	35	36		35	30	26	32.1
MOORESTOWN	MAX	38	51	40	31	34	43	54	53	42	40	38	23	32	45	46	49	44	48	62	63	56	50	59	54	46	59	44	49	46	42	48	46.1
	MIN	30	36	30	28	22	19	40	42	39	36	24	14	17	29	32	33	28	33	47	53	43	35	32	36	29	37	29	28	28	27	23	31.6
MORRIS PLAINS	MAX	43	47	41	33	36	36	47	50	41	39	38	31	27	42	48	43	45	40	57	60	61	51	54	54	51	56	53	45	47	46	46	45.4
	MIN	27	28	18	25	22	9	33	40	36	34	31	12	11	18	25	24	32	27	34	52	49	39	26	36	25	30	35	24	33	23	19	28.3
NEWARK WB AIRPORT	MAX	39	49	38	32	38	40	53	53	42	41	40	25	31	42	48	44	47	45	57	61	61	52	56	55	45	56	43	47	48	42	48	45.7
	MIN	30	31	29	26	26	20	38	40	37	36	25	17	16	28	31	32	35	33	45	51	44	37	33	36	30	39	33	30	36	30	29	32.4
NEW BRUNSWICK EXP STA	MAX	44	49	44	35	37	42	50	53	42	40	40	32	28	40	44	43	45	42	60	61	62	54	55	53	50	57	50	48	48	46	45	46.4
	MIN	29	29	27	27	21	16	36	41	38	36	31	13	13	22	28	30	32	32	39	53	50	40	30	40	27	34	37	27	39	29	25	31.3
NEWTON	MAX	41	38	45	33	31	35	39	50	43	38	37	35	21	28	39	45	39	42	47	57	61	53	48	53	51	45	56	38	45	45	37	42.4
	MIN	26	27	22	25	20	7	16	38	32	32	32	11	8	16	27	28	29	24	28	40	46	36	24	25	27	30	34	22	26	20	16	25.6
PATERSON	MAX	46	38	48	45	32	40	46	54	45	42	41	40	22	35	44	47	44	47	47	56	60	58	51	57	54	54	55	43	46	48	42	46.0
	MIN	26	27	26	26	21	19	23	33	34	33	33	12	13	16	25	30	34	29	29	44	50	39	29	33	28	28	35	26	29	27	24	28.4
PEMBERTON 3 E	MAX	44	45	39	36	35	46	58	54	45	41	39	29	32	48	44	51	47	48	60	62	61	54	58	56	50	58	50	52	48	42	50	47.8
	MIN	29	27	30	30	20	14	38	41	39	37	29	11	13	24	25	28	26	25	41	54	50	36	28	38	26	32	35	26	38	24	22	30.2
PHILLIPSBURG	MAX	45	50	48	35	38	39	45	50	45	40	40	31	28	39	46	46	45	45	60	68	63	62	54	54	51	57	49	46	47	47	46	47.1
	MIN	33	24	27	26	22	13	36	41	34	34	30	12	15	22	24	29	29	30	39	57	54	39	27	32	27	35	37	27	36	25	22	30.3
PLAINFIELD	MAX	40	50	40	30	42	40	49	45	42	41	39	22	30	42	49	41	49	42	58	61	58	57	56	53	48	56	49	47	50	41	47	45.6
	MIN	29	25	23	29	23	13	33	42	38	36	32	13	12	21	24	25	30	30	37	52	50	36	25	32	25	36	37	25	37	24	22	29.5
PLEASANTVILLE 1 N	MAX	58	40	54	41	41	36	50	59	53	52	40	38	22	33	48	45	52	45	52	56	59	57	52	57	61	52	56	45	50	46	45	48.2
	MIN	29	29	27	26	24	18	24	47	43	38	29	13	12	16	27	25	30	27	34	42	42	36	28	32	19	31	31	23	28	27	23	28.4

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

NEW JERSEY
DECEMBER 1957

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RIDGEFIELD	MAX	47	49	37	31	41	42	51	52	41	40	40	22	31	41	46	41	47	44	57	59	58	51	54	52	45	55	43	47	48	40	46	45.1
	MIN	29	30	27	27	24	19	36	40	36	36	23	16	16	29	29	33	34	30	44	56	44	37	32	34	27	40	39	29	39	28	25	31.9
RUNYON	MAX	55	56	54	38	40	44	54	54	41	42	40	38	29	43	46	46	47	48	62	62	63	61	56	53	56	52	54	54	50	49	49	49.5
	MIN	28	22	17	18	14	14	36	35	31	31	26	11	10	12	20	23	26	28	48	54	48	38	23	31	26	39	28	21	36	19	19	27.0
SANDY HOOK L8STA	MAX																																
	MIN																																
SOMERVILLE	MAX	42	49	41	34	37	37	47	51	42	40	39	29	32	40	45	39	45	41	59	61	62	50	54	51	44	57	44	44	47	40	45	44.8
	MIN	28	24	21	27	22	17	33	41	38	36	28	12	12	24	21	26	30	29	39	54	45	38	25	31	25	33	33	31	34	24	20	29.1
SUSSEX 3 N	MAX	41	39	45	33	33	34	38	50	43	35	38	35	17	29	40	43	40	42	48	58	61	55	48	62	50	51	56	39	41	44	36	42.7
	MIN	23	23	18	20	18	10	15	35	29	29	29	11	9	10	23	23	28	23	24	44	47	36	28	30	23	26	33	22	25	20	18	24.3
TRENTON 2	MAX	39	50	38	32	36	44	54	55	42	40	39																					
	MIN	29	34	29	26	24	20	39	40	38	36	24	12																				
TRENTON W8 CITY	MAX	39	50	38	31	36	43	55	53	42	41	39	21	30	43	45	46	43	45	60	63	56	49	55	54	42	58	42	50	46	41	48	45.3
	MIN	31	35	30	26	24	23	40	41	38	37	21	13	16	29	33	33	34	34	45	55	46	38	35	35	30	36	35	32	37	35	30	33.1
TUCKERTON	MAX	33	44	44	40	33	49	50	54	51	51	40	30	34	47	46	53	47	49	54	57	59	52	57	60	50	55	47	50	48	47	47	47.7
	MIN	25	29	22	32	22	20	42	43	42	38	30	14	16	29	28	25	29	25	42	50	40	33	23	43	26	36	33	22	38	25	23	30.5

DAILY SOIL TEMPERATURES

Station And Depth		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NEW BRUNSWICK EXP STATION																																	
MEASURED UNDER SOD																																	
1 INCH	MAX	43	42	40	37	38	38	45	45	42	43	40	38	36	36	38	38	43	39	47	54	53	49	45	44	44	48	43	41	46	40	41	42.3
	MIN	36	36	34	37	37	37	37	42	40	40	38	35	34	35	34	34	34	34	39	47	45	39	37	38	35	37	36	35	35	34	33	36.9
2 INCHES	MAX	42	41	40	38	38	38	44	44	42	43	40	38	37	37	37	38	41	38	46	52	52	47	44	41	42	47	43	40	44	40	39	41.8
	MIN	38	37	36	38	38	38	37	42	41	40	38	36	35	36	36	35	35	35	38	46	46	41	38	39	37	38	37	36	37	36	34	37.8
4 INCHES	MAX	42	41	40	39	38	38	43	43	42	43	40	38	37	37	37	38	40	38	46	52	52	47	44	44	42	47	43	40	44	40	39	41.7
	MIN	38	38	37	38	38	38	37	42	41	41	38	37	35	36	36	35	35	35	38	46	46	42	39	40	37	38	38	37	38	36	35	38.2
8 INCHES	MAX	46	43	42	41	41	40	42	49	43	43	42	40	39	38	39	39	39	39	43	49	49	47	44	43	43	44	44	41	42	41	39	42.2
	MIN	43	41	40	40	40	39	39	42	42	42	41	39	38	38	38	38	38	37	39	43	47	44	42	41	40	40	41	39	41	39	37	40.2
16 INCHES	MAX	47	45	44	44	43	43	42	44	44	44	43	43	42	41	41	40	40	40	42	46	47	47	45	44	44	44	44	43	42	42	41	43.2
	MIN	45	44	43	42	42	42	41	42	43	43	42	41	41	40	40	40	40	39	40	42	45	45	44	43	42	42	43	42	42	41	40	42.0
32 INCHES	MAX	49	49	48	48	47	46	45	45	46	46	46	45	45	44	44	44	44	43	43	44	45	46	46	45	45	45	45	45	45	44	44	45.4
	MIN	48	48	47	47	46	45	45	45	45	45	45	45	44	44	44	43	43	43	43	43	44	45	45	45	45	45	45	44	44	44	44	44.8

Measured under Kentucky Bluegrass.

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

Station		Day of month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATLANTIC CITY WB	SNOWFALL				4.0	T						.8	T																			
	SN ON GND					2	T						1	T																		
	WTR EQUIV																															
BASS RIVER ST FOREST	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELVIDERE	SNOWFALL				S.0								.S																			
	SN ON GND				-																											
CHARLOTTEBURG	SNOWFALL				4.0	6.0							3.S																			
	SN ON GND				4	10	9	3					3	3	1	1	1	T	T													
CLAYTON	SNOWFALL				8.S	.9						.S	T																			
	SN ON GND				9	9	T					1	T	T																		
FLEMINGTON 1 NE	SNOWFALL				11.0	2.0						1.S	4.S																			
	SN ON GND				11	10	9	S	T	T	T	2	S	S	3	2	1	T	T													
FREEHOLD	SNOWFALL				8.S	10.0						2.0	S.S																			
	SN ON GND				9	10	6	T				2	6	S	3																	
HIGHTSTOWN 1 N	SNOWFALL				6.0	2.0						2.0	2.0																			
	SN ON GND				6	7	S	1				2	4	4	2	T																
INDIAN MILLS 2 W	SNOWFALL			T	*	6.7						2.0	1.S																			
	SN ON GND					S	1					2	2	2	T	T																
LAMBERTVILLE	SNOWFALL				9.0	.9						1.S	.S																			
	SN ON GND				9	9	6	2	T			2	2	1	1	T																
LAURELTON 1 E	SNOWFALL			1.0	4.4							2.4	T																			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAYTON 3 NW	SNOWFALL				3.4								1.1		.2																	
	SN ON GND				3	3	3	T					1	1	T																	
LITTLE FALLS 1 E	SNOWFALL				3.S	S.S							2.S																			
	SN ON GND				4	9	8	4	1				3	3	2	1	1	T	T													
LONG BRANCH	SNOWFALL			.1	3.S							2.0	T																			
	SN ON GND				3	2	T					2	2	1	T	T	T															
LONG VALLEY	SNOWFALL				*	12.0							4.0																			
	SN ON GND				-	-	-						-	-																		
MAYS LANDING	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLVILLE	SNOWFALL				.5							2.S																				
	SN ON GND				-							-	-																			
MOORESTOWN	SNOWFALL				3.0	S.0							2.0																			
	SN ON GND				3	8	8	2					2	1	T	T	T															
MORRIS PLAINS	SNOWFALL		T		7.S	2.8	T					.8	1.0												T			T				
	SN ON GND		-		-	-	-					-	-																			
NEWARK WB AIRPORT	SNOWFALL			.9	12.4		T				T	2.8	.3																			
	SN ON GND				4	9	8	4					3	1	1	T																
	WTR EQUIV					1.0	.9	.6																								
NEW BRUNSWICK EXP STA	SNOWFALL				4.0	4.S						1.7																				
	SN ON GND				4	4	2	T				2	2	1	1	T	T															
NEWTON	SNOWFALL				3.0	1.0							3.0																			
	SN ON GND				3	4	3	2					3	2	2	1																
PATERSON	SNOWFALL				3.S	10.5							3.0	T																		
	SN ON GND				4	14	8	2					3																			
PEMBERTON 3 E	SNOWFALL				S.0	1.S						2.0	2.0																			
	SN ON GND				S	8	4					2	4	3	T																	
PHILLIPSBURG	SNOWFALL				4.0	2.0						T	2.0																			
	SN ON GND				4	6	3	2	T			T	2	2	2																	
PLAINFIELD	SNOWFALL				11.S							3.3																				
	SN ON GND				12	9	S	T				3	2	-	T	T																
RAHWAY	SNOWFALL				11.S							1.S	T																			
	SN ON GND				12	11	6	S	T			2	2	1	T										T							
RIDGEFIELD	SNOWFALL			T	12.0							2.0		T																		
	SN ON GND			T	12	10	9	T	T			2	2	1	1	T																
SOMERVILLE	SNOWFALL				9.0							2.0	.3																			
	SN ON GND				9	7	S	2				2	2	2	1																	
TRENTON WB CITY	SNOWFALL			1.0	7.1							1.8	T																			
	SN ON GND				3	8	4	T					2	1	1	T	T															
WANAQUE RAYMOND DAM	SNOWFALL				4.S	4.S							2.8																			
	SN ON GND				S	9	7	4	T				3	2	2	1	T	T	T													

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2

NEW JERSEY
DELAYED DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	No of Days Max 90° or Above	No of Days Max 32° or Below	No of Days Min 32° or Below	No of Days Min 0° or Below	Total	Departure From Long Term Means	Greatest Day	Date	Snow, Sleet Total	Snow, Sleet Max Depth on Ground	Snow, Sleet Date	No. of Days .10 or More	No. of Days .50 or More	No. of Days 1.00 or More
DECEMBER 1956																							
MILLVILLE AIRPORT	53.9M	35.0M	44.5M		71	8	15	31	625	0	0	13	0	3.84		.86	16	T	0		8	4	0

DAILY PRECIPITATION

Table 3

Station	Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
DECEMBER 1958																																
MILLVILLE AIRPORT						T				.19		.20	.04	.52	.80	.86		T			.21	T		.73		.05	T	.05	T		.19	3.84
JULY 1957																																
ORANGE					.24								.47							.35										.03		1.09

DAILY TEMPERATURES

Table 5

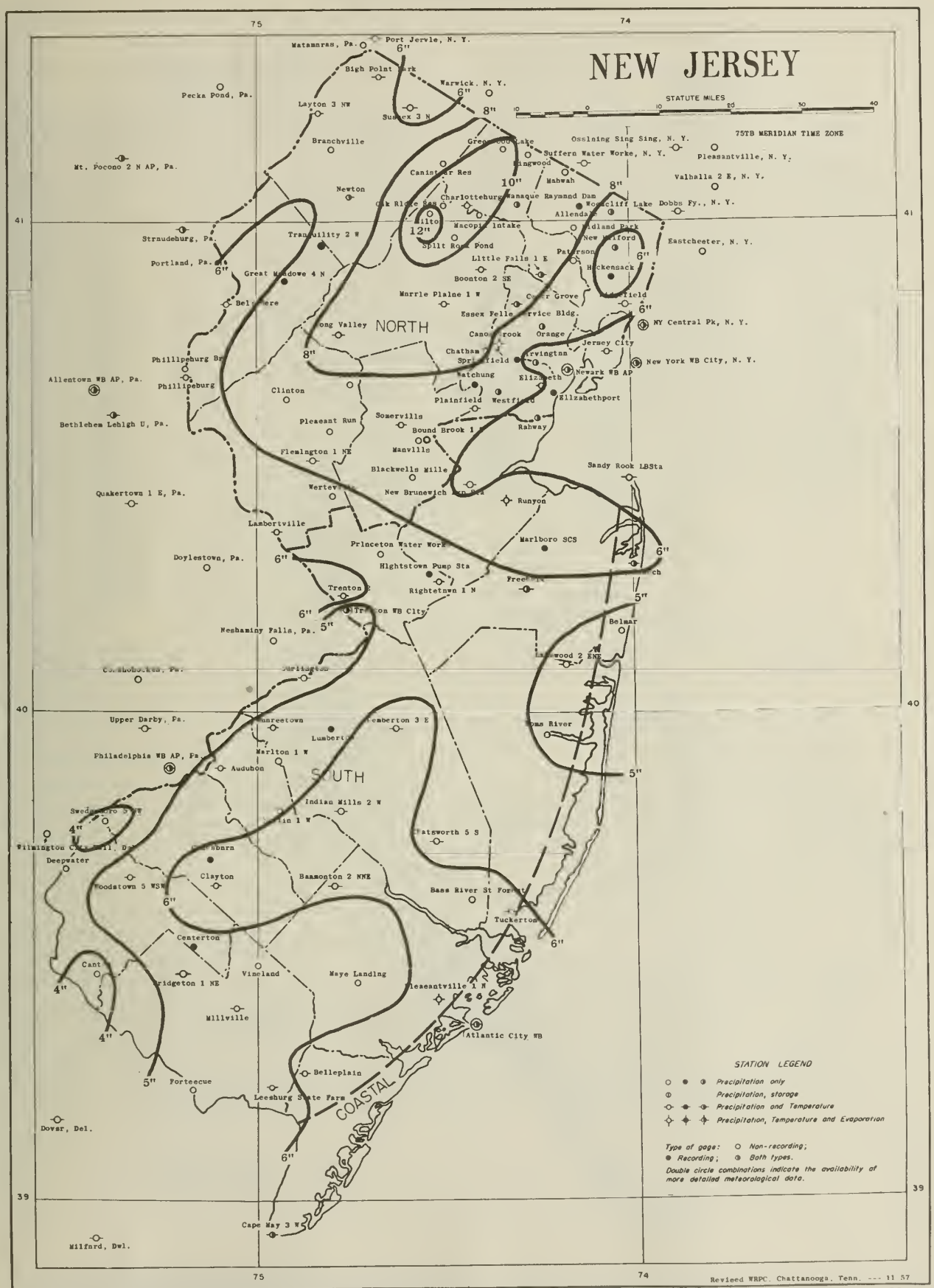
Station		Day of month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
DECEMBER 1956																																	
MILLVILLE AIRPORT	MAX			46	58	59	56	66	71		67	45	56	61	62	57		54	51	51	45	54	55		55		51	39	44	51		40	53.9
	MIN			19	28	33	45	45	56		21	30	39	46	48	40		39	44	28	28	42	42		40		24	24	27	36		15	35.0

CORRECTIONS

MONTH: AUGUST 1957

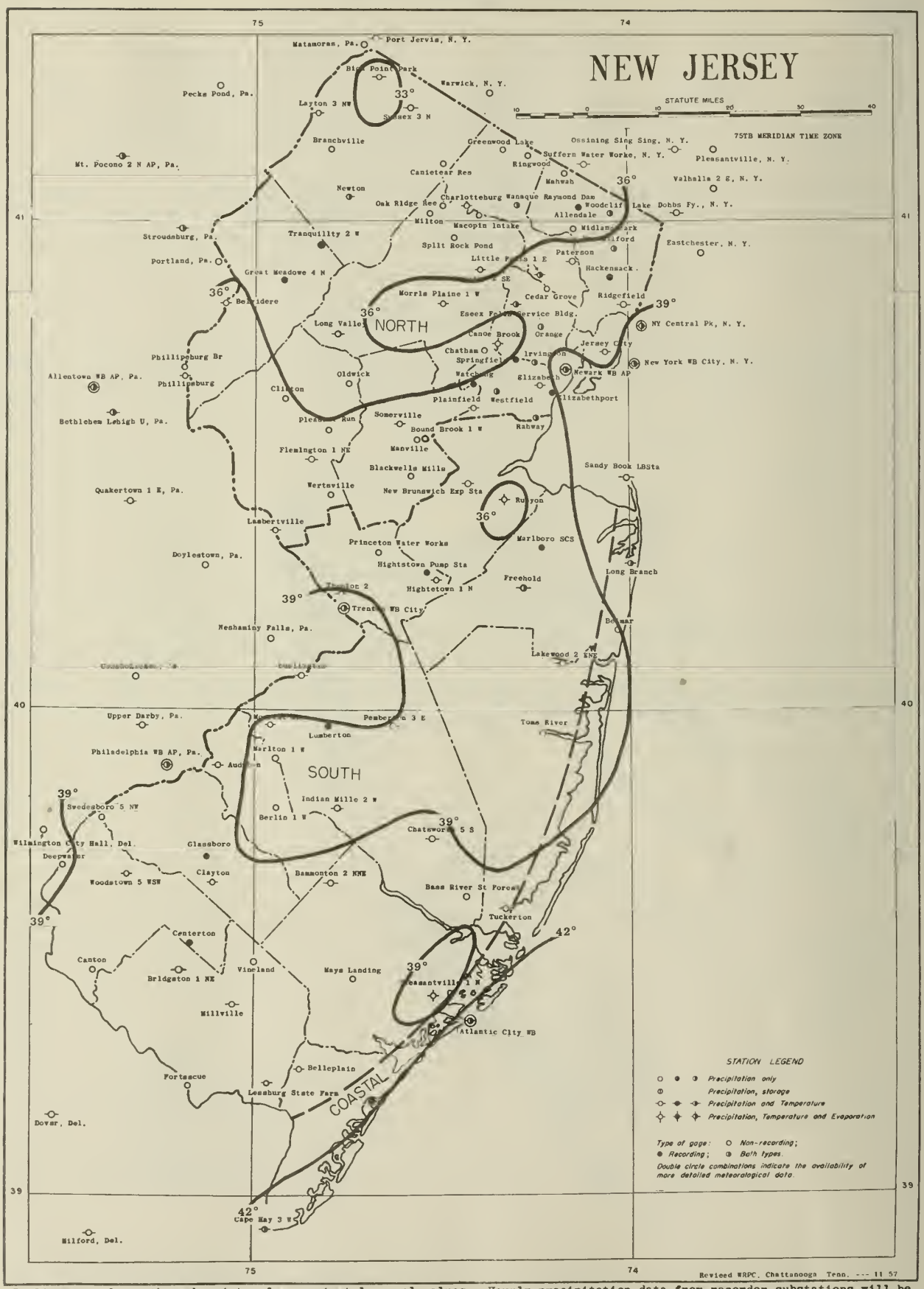
Table 3:
Patereon — Amount on 1st should be 0.95

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Observation Time Temp.	Observation Time Precip.	Observer	Refer To Tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270		MID	BERGEN COUNTY ENGS	C
#ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	MID	NID	U. S. WEATHER BUREAU	2 3 5 7 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	11P	11P	IRVIN J. NYGREN	2 3 5
BASS RIVER ST FOREST	0528	BURLINGTON	1	39 37	74 26	20		6P	N.Y. FORESTRY SVC	3 7
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	5P	5P	MRS. ED C. HOFFMAN	2 3 5
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		MID	CITY WATER DEPT	3
BELVIDERE	0729	WARREN	2	40 50	75 05	289	5P	5P	MISS C. S. HIXSON	2 3 5 7
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		7A	SAMUEL N. NC CULLEY	3
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		7A	HENRY M. MILLER	3
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	8A	8A	JERSEY CITY WTR WKS	2 3 5
BOUND BROOK 1 W	0027	SOMERSET	10	40 33	74 33	20		8A	AMERICAN CYANAMID CO	3
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		7A	ALBERT M. DAVENPORT	3
BRIDGETON 1 NE	1028	CUMBERLAND	2	30 28	75 12	114	9A	9A	RADIO STATION WSNJ	2 3 5
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	6P	6P	PUBLIC SVC E + G CO	2 3 5
CAMISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		8A	NEWARK WATER DEPT	3
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	9A	9A	COMMONWEALTH WTR CO	2 3 5 6
CLAYTON	1343	SALEM	2	39 28	75 25	20		9A	GERTRUDE S. WILLIS	3
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	5P	5P	N.WEST MAGNESITE CO	2 3 5 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		8A	J. A. PLUNKETT	3
CENTERTON	1512	SALEM	6	39 31	75 10	80		MID	JOHN HOPKINS UNI.	C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	7A	7A	NEWARK WATER DEPT	2 3 5 7
CHATHAM	1590	MORRIS	8	40 44	74 23	185		8A	EDWARD P. MOLITOR	3
CHATSWORTH 5 S	1598	BURLINGTON	1	39 44	74 32	90	5P	5P	WILLIAM S. MAINES	2 3 5
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	6P	6P	HARRY P. CAMPBELL	2 3 5 7
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		6P	L. W. KLOCKNER	3
DEEPWATER	2209	SALEM	2	30 41	75 30	12		NID	DU PONT DE NEMOURS	3
ELIZABETH	2644	UNION	1	40 40	74 14	33	5P	5P	UNION CO PARK COMM	2 3 5
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		MID	SEWAGE TREATMENT PL	3 C
ESSEX FELLS SERV BLDG	2768	ESSEX	8	40 50	74 18	250	8A	8A	BOROUGH ESSEX FELLS	2 3 5 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	5P	5P	DONALD YOUNG	2 3 5 7
FORTESCUE	3102	CUMBERLAND	2	30 14	75 10	5		7A	JOHN LOPER	3
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	6P	6P	FRANK J. MOREAU	2 3 5 7 C
GLASSBORO	3291	GLOUCESTER	2	30 42	75 07	150		MID	PROF. J. B. SANGREE	C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540		NID	GAMMA CHEMICAL CORP.	C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		7A	GEORGE T. WIGGINS	3
HACKENSACK	3572	BERGEN	4	40 53	74 03	10		MID	BERGEN COUNTY ENGS	C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	8A	8A	W. NUBBARD PARKHURST	2 3 5
HIGH POINT PARK	3035	SUSSEX	2	41 18	74 40	1600	8A	8A	N. J. DEPT. OF CONS.	2 3 5
NIGHTSTOWN 1 N	3051	MERCER	10	40 16	74 31	100	8P	8P	JAMES R. PICKERING	2 3 5 7
NIGHTSTOWN PUMPING STA	3056	MERCER	10	40 17	74 32	75		MID	DEPT WATER + SEWAGE	C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	7P	7P	EDWARD ENTWISTLE	2 3 5 7
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		MID	JOINT MEETING GARAGE	3 C
JERSEY CITY	4330	HUDSON	1	40 44	74 04	135	MID	MID	JERSEY CITY WTR DEPT	2 3 5
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	6P	6P	E. E. CASE	2 3 5 7
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	6P	6P	GEORGE O. WADDILL	2 3 5 7 C
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	6P	6P	A. M. OEPUE	2 3 5 7
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	4P	4P	LEESBURG STATE FARM	2 3 5
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	9A	0A	PASSAIC VLY WTR COMM	2 3 5 7 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	MID	MID	STORM WARN. DSPL STA	2 3 5 7 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	6P	6P	ARTHUR BARKMAN	2 3 5 7
LUMBERTON	5055	BURLINGTON	2	30 58	74 48	25		NID	JAMES LAWTON	C
MACOPIN INTAKE	5071	PASSAIC	8	41 01	74 24	584		0A	NEWARK WATER DEPT	3
MAHWAH	5104	BERGEN	8	41 06	74 10	253		7A	ROBERT G. GLASGOW	3
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		MID	JOHN L. RADCLIFFE	3
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120		MID	GEROW BRILL	C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		6P	DAVID GRISCON	3
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		5P	ELMER EARLE	3 7
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		8A	RIDGEWOOD WATER CO.	3
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	8A	MID	L. J. GALLAHER	2 3 5 7 C
MILTON	5597	MORRIS	8	41 01	74 32	950		7A	JERSEY CITY WTR WKS	3
MOORESTOWN	5728	BURLINGTON	2	30 58	74 58	55	MID	8A	H. J. WILLARD	2 3 5 7
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	4P	4P	JAMES C. LONG	2 3 5 7
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
NEW BRUNSWICK EXP STA	6062	MIDDLESEX	10	40 28	74 26	80	5P	5P	ARTNUR H. AHLQUIST	2 3 5 7 G
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		MID	HACKENSACK WATER CO	3 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	8A	8A	NEWTON WTR SWR COMM	2 3 5 7 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		8A	NEWARK WATER DEPT	3
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		8A	DAN A. COUGHLIN	3
ORANGE	6560	ESSEX	8	40 47	74 14	140		MID	COUNTY ENGINEER	3 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	8A	8A	P. J. DEL VECCHIO	2 3 5 7
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	5P	5P	CHARLES A. DOEHLERT	2 3 5 7
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	3P	3P	SEWAGE DISPOSAL PLT	2 3 5 7
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		9A	JOINT TOLL BRDGE COM	3
PLAINFIELD	7079	UNION	10	40 36	74 25	120	8P	8P	MRS VIVIAN SCHERER	2 3 5 7
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		7A	JOHN H. BERRYMAN	3
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	8A	8A	ATLANTIC CITY WTR WK	2 3 5 6
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		MID	PRINCETON WATER CO	3
RAHWAY	7303	UNION	9	40 36	74 15	20		MID	RAHWAY VLY SWG AUTH	3 7 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	MID	MID	GEORGE P. KIRSTEN	2 3 5 7
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		10A	NO JERSEY WTR SUPPLY	3
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	6P	6P	N.J. WATER COMM	2 3 5 6
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	7P	7P	U. S. COAST GUARD	2 3 5
SONERVILLE	8194	SOMERSET	10	40 34	74 37	75	6P	6P	W. E. MAYER	2 3 5 7
SPLIT ROCK POND	8402	NORRIS	8	40 58	74 28	800		10A	JERSEY CITY D P W	3
SPRINGFIELD	8423	UNION	1	40 43	74 18	-		NIO	N.J. DEPT OF CONS	C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	7A	7A	BRICE B. STANTON	2 3 5
SWEDESBORO 5 NW	8685	GLOUCESTER	2	39 47	75 24	10		12N	SUN OIL CO	3
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		5P	ROBERT F. SNYDER	3
TRANQUILITY 2 W	8858	WARREN	2	40 57	74 50	551		NIO	H. J. ERVEY	C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	MID	MIO	E. H. RISTOW	2 3 5
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	MID	MID	U. S. WEATHER BUREAU	2 3 5 7 C
TUCKERTON	8899	OCEAN	1	39 36	74 20	10	6P	6P	REV EDWARD O. NEGLIA	2 3 5
VINELAND	0135	CUMBERLAND	6	39 29	75 DD	110		8A	STATE HOME FOR WOMEN	3
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 D3	74 18	320		8A	WATER SUPPLY COMM	3 7 C
WATCHUNG	0271	UNION	8	40 40	74 25	-		MID	BONNIE BURN SAN.	C
WERTSVILLE	9363	HUNTEROON	10	40 27	74 48	160		7A	ROBERT M. MANNERS	3
#WESTFIELD	0455	UNION	9	40 39	74 21	138		5P	CITY ENGINEER	3 C
WOODCLIFF LAKE	9832	BERGEN	4	41 D1	74 03	103		NID	HACKENSACK WATER CO	3 C
WOODSTOWN 5 WSW	991D	SALEM	2	30 38	75 25	30	7A	7A	RAYMOND L. BLEW. JR.	INAC 1D/57

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in Table 2, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6. Max and Min in Table 6 refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1821-1850, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1831-1855.

Water equivalent values published in Table 7 are the water equivalent of snow, sleet or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Entries of Snowfall in Tables 2 and 7, and in the seasonal snowfall table, include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in Tables 3, 5, and 8 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in the standard of time in local use. During the summer months some observers take the observations on daylight saving time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 7:30 a.m., E.S.T.

- \- No record in Tables 3, 8, 7 and the Station Index. No record in Tables 2 and 5, is indicated by no entry. Consult the annual issue of this publication for interpolated monthly precipitation totals.
- \+ And also on a later date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- \# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- AM Data based on observational day ending before noon.
- S Adjusted to a full month.
- C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".
- O Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- G In the "Refer to Tables" column in the Station Index the letter "G" indicates that soil temperatures are published.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See Table 5 for detailed daily record. Degree day data, if carried for this stations, have been adjusted to represent the value for a full month.
- R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Hourly Precipitation Data".)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

Information concerning the history of changes in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data, Annual for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondance regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 2/3/58 --- 750

11.05
NNJ
p.1

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

ANNUAL SUMMARY 1957

Volume LXII No. 13

THE LIBRARY OF THE
MAR
UNIVERSITY OF

ASHEVILLE: 1958

WEATHER SUMMARY

GENERAL

The year was marked by a prolonged summer dry spell that resulted in drastic restrictions on water usage by millions of residents of northern New Jersey. Summer crops suffered heavy damage. Unusually cold weather in January contrasted sharply with unusual warmth in December. Destructive storms were less costly than in the preceding year, and the loss of only 5 lives was charged to severe weather features.

WEATHER EFFECTS

Winter grains, pastures, and hay came through the winter in unusually good condition. Some fields were prepared in February, and light rainfall in March allowed rapid progress in this work. Although the first half of April was cool, warmer weather during the latter half, together with ample precipitation, stimulated growth of hays, pastures, and fall-sown grains. Most field preparation was completed in April. Early planted potatoes grew well, and there was a good harvest of hardy spring vegetables in April. As dry weather set in early in May, planting of some field corn was delayed, and earlier plantings fared poorly due to cool temperatures. Fields of winter wheat made only fair growth in May due to the dry weather, but timely rainfall permitted heads to fill out satisfactorily. Hays declined with the dry weather, and vegetables made good progress only in irrigated fields. Apple orchards experienced a heavy bloom and set; frosts in May caused damage only in a few unfavorable locations. Peach orchards also did well, and were favored with warm, sunny weather during the pollination period. Hot, dry weather in June hastened the maturity of winter wheat and oats, and caused hays to decline. Potatoes and sweet potatoes developed poorly, and there was a heavy drop of apples, although the remainder of the crop sized well. Early plantings of commercial vegetables developed fairly well in June, but later plantings suffered from the hot, dry weather. With a continuation of dry weather through July and early August, most field corn suffered heavy damage due to stunting at the critical silking stage. The unfavorable growing conditions resulted in reduced yields of wheat, oats, and hay, and hurt all other field crops. The control of apple diseases and insects was favored by the hot, dry weather. Early varieties were not affected by the prevailing dryness as much as were later varieties. Peaches were stunted, and grapes declined also. Rains during the last week of August were too late for summer crops, but were of considerable benefit to fall pastures, late hays, late apples, fall vegetable crops, and preparation of fields for fall plantings. Stream flow declined, however, and by September serious water shortages had developed in reservoirs serving heavily populated northeast New Jersey. Drastic restrictions were placed on water use. Unusually early frosts in September ended the growing season for most tender crops. Cranberry growers who could not flood their bogs suffered heavy freeze damage. Considerable acreage of soybeans for beans were either abandoned or harvested for hay or silage. Rains in September improved pastures and fall vegetable crops, but were insufficient to improve the ground water situation. Harvesting operations suffered few interruptions in October; the harvest of corn was nearly completed, as was the combining of soybeans, and the digging of potatoes and sweet potatoes. The commercial apple crop was well above average. Grapes improved in October to near average condition. Stream flow continued deficient in October, and the water shortage in northeast New Jersey became worse. The reservoir supplying the city of Orange went dry on October 30. Harvests were completed in November, and fall sowings of rye and winter wheat were finished early in the month. Many herds of cattle were left out on pasture longer than usual in November because of short winter supplies and aided by the mild temperatures of the month. The water shortage remained serious in November, but heavy rainfall in December relieved the water crisis. Winter grains made good growth in December due to the mild temperatures and ample rainfall.

TEMPERATURE

Extreme contrasts in temperature were noted at the beginning and ending of the year: January was unusually cold, and December almost equally as unusually warm. Marked departures from the usual seasonal temperatures were also noted in a warm February and a cool August.

A prolonged cold spell during the middle of January, accompanied by frequent below-zero readings, set the character for the month. February, on the other hand, could not muster much in the way of a cold spell, as warmth predominated but alternated with seasonal coolness. The same pattern continued in March, but with more frequent onslaughts of cool air, continuing and definitely taking the ascendancy in the first half of April. The latter part of April was marked by steadily rising temperatures, with the month closing on a note of almost summerlike warmth. A cold spell early in May dropped temperatures to the freezing point in some areas, and another cold spell later in the month brought a repeat performance. The first decade of June included a late cold spell that once more brought freezing temperatures, but the rest of the month was quite warm, the mercury reaching the century mark for the first time in the year at mid-month. Temperatures in July showed marked fluctuations, reaching the low 40's during frequent cool spells, and rising to 100° or more in one of the 2 warm spells. August was predominantly cool, with few truly warm periods; a cold spell during the latter part of the month dropped temperatures to the high 30's, at some locations. A turn to warmer weather was noted in September, but a week of cool weather at the end of the month brought below-freezing temperatures to most of northern New Jersey and much of the south portion also. Cold spells during the middle of October and again near month's end, with few warm days, resulted in a chilly month. The pattern for November, however, was one of frequent warm spells, and few cold days. An intensification of this pattern in December was only highlighted by short spells of chilling cold near the end of the first week and again nearly a week later; the rest of the month was mild or unseasonably warm.

Annual average temperatures ranged from 46.4° at High Point Park to 56.2° at Burlington. The year's highest temperature was 106° at Runyon on July 22. The lowest temperature was - 21° at Layton 3 NW on January 18. Only High Point Park failed to note a maximum temperature of 90° or more during the year. These values were achieved most often at Burlington, on 51 days. Temperatures dipped to 32° or below and 0° or below most frequently at Layton 3 NW, 163 and 10 days, respectively. High Point Park easily took the prize for the greatest number of cold days, with 52 occurrences of maximum temperatures of 32° or below.

PRECIPITATION

The word for 1957 was "dry". Only April and December could boast of ample rainfall.

After a week of dryness, precipitation in January was frequent but light. Some moderate amounts were noted in the frequent precipitation occurrences of the first half of February; a 3-day wet spell brightened the end of the month. Wet spells were more frequent in March, but again, daily amounts were mostly light. Frequency of precipitation increased in April to above the usual expectancy, with the major portion for the month occurring during the first 9 days. May was almost devoid of rain during the first decade; the remainder of the month saw the north portion more generously watered than the rest of the State, but totals were still deficient. Precipitation in June and July was very spotty, and resulted almost entirely from thundershowers that deposited heavy amounts in very limited areas. General rains on August 25 and 26 were the only significant occurrences during that month. General rains on September 10, 16, and 23, together with heavy amounts in some northern locations earlier in the month, helped relieve the prolonged summer dry spell. Precipitation amounts approached the usual seasonal values in Northern New Jersey in October, but remained somewhat lighter in the south portion. Light amounts of precipitation falling at fairly well spaced intervals featured the November pattern; southern areas were more generously treated than in many preceding months, as totals climbed above the usual seasonal values. Precipitation came at rather frequent intervals in December; frequent occurrences of moderate or heavy amounts brought relief from the extended drought to all portions of the State.

Annual precipitation totals ranged from 28.79 inches at Trenton WB City to 48.55 inches at Cedar Grove. The greatest daily precipitation amount was 4.65 inches at Ridgefield on May 14. The rainiest location was Mays Landing, with 94 occurrences of daily precipitation amounts of 0.10 inch or more. The most frequent heavy precipitation was at Cedar Grove, with 14 daily amounts of 1.00 inch or more.

SNOWFALL

Snowfall was of about the usual frequency and intensity this year. Occurrences in January were noted at frequent intervals after the opening week, with the snowy period continuing to the middle of February. The first few days in March were snowy, and there were a few occurrences of light amounts later in the month. Snowfall in April was highlighted by copious amounts on the 4th, mostly confined to the northern portion of the State. The first snow of the fall came at the end of October, but amounts were very light. November's snowfall was very light and insignificant. Two good snowfalls during the first half of December brought all of that month's snow; some southern locations received especially heavy accumulations.

The year's greatest snowfall total was 54.6 inches at Flemington 1 NE. Paterson reported the greatest snow depth, 14 inches on December 5.

DESTRUCTIVE STORMS

Severe weather features were neither as numerous nor as costly this year as they were in 1956. Only 1 tornado was reported, occurring on November 19, and charged with only light damage. Windstorms caused considerable damage in March, June, July, and October, and at least light damage in every month of the year except August when no destructive storms of any sort were noted. Snow and glaze caused great damage in 2 storms occurring almost exactly a month apart: at the beginnings of February and March. Lightning strikes caused considerable damage in May, and lighter damages in each month of the period April-July. A hailstorm in April caused light damage.

Lightning bolts took the lives of 1 man in June and 2 boys in July. A snowstorm in December resulted in 2 deaths. Six persons were injured by lightning in June and strong winds injured 3 persons in July and several others in March.

FLOODS

Flood stage was reached by several New Jersey streams in April, but no damages were noted. Minor flooding was experienced on central and northern New Jersey rivers in December. A few families were evacuated from their homes, but damages were minor. Local flooding caused by heavy thunderstorm rains occurred in April, May, June, and July; in some cases damages were severe, but minor in others.

Details of each month's weather may be found in the monthly issues of this publication.

Harold S. Lippmann, Climatologist
Weather Records Processing Center
Chattanooga, Tennessee

SPECIAL NOTICE

A survey has indicated that the comprehensive narrative weather story carried in each issue of Climatological Data is of value to only a small number of recipients. This story will be discontinued, therefore, with the January 1958 issue. A table of extremes will be carried each month and a text will be carried whenever unusual and outstanding weather events have occurred. General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW and the MONTHLY CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ATLANTIC CITY WB	31.9	- 3.9	38.9	3.5	42.1	.6	51.7	2.3	60.0	.9	69.9	1.2	73.8	.2	70.6	- 2.5	69.6	1.3	56.5	- 1.5	50.6	2.5	42.5	4.1	54.8	.7
AUDUBON	29.7		38.3		42.4		55.1		65.7		75.2		77.4		73.5		70.3		54.7		47.6		30.4		53.6	
BELLEPLAIN	31.6		39.5		42.9		55.7		65.8		74.4		75.6		71.7		69.9		53.2		47.6		40.5		55.5	
BELVIDERE	25.9	- 4.2	35.5	4.5	40.8M	1.1	55.2	2.3	62.8	.5	74.5	3.5	75.1	- .4	71.0	- 1.7	67.1	1.1	52.5	- 2.4	44.9	2.2	34.8	4.5	55.3	.9
BOONTON 2 SE	25.1	- 4.0	33.6	4.5	38.7	1.0	50.7	2.0	58.7	- .6	70.9	3.0	72.1	- .9	66.7	- 2.1	64.6	1.1	51.2	- 2.5	44.5	2.1	35.5	3.9	51.2	.6
BRIDGETON 1 NE			37.9M		M		53.8M		64.1M		74.1M		M		72.0M	- 2.7	M		55.9M	- 3.4	M					
BURLINGTON	29.9	- 4.7	38.5	3.7	42.3	- .4	55.2	2.2	65.9	1.6	75.5	2.7	76.5	1.0	74.3	- 1.2	70.6	1.8	55.9M	- 2.1	47.9M	1.5	40.5M	4.5	54.2	.6
CANOE BROOK	25.2	- 3.9	34.0	4.7	39.1M		51.8	3.5	58.6	- .3	72.0	4.1	72.9M	- .2	68.9	- 2.2	65.5M	1.4	50.5	- 3.4	44.7	2.0	38.5	4.0	51.6	1.9
CAPE MAY 3 W	M		40.0M		M		55.1M		62.1M		72.7M		75.5M		73.1M		71.3M		57.5M		50.0M		45.4M			
CHARLOTTEBURG	25.0M	- 6.0	51.4	2.2	36.1	- 1.2	48.9	.9	56.7	- 2.2	67.8	1.0	69.4M	- 1.8	64.7	- 4.7	61.7	- .9	48.5	- 4.2	42.4	.4	34.2	3.1	48.7	- 1.2
CHATSWORTH 5 S																							39.6			
CLAYTON	30.1		36.9		42.2		55.0		64.6		74.5		76.3		72.8		69.6		54.2		47.4		39.5		53.4	
ELIZABETH	27.9	- 5.2	36.7	3.5	41.5	.1	53.9	2.2	62.7	.4	72.0	5.1	76.3	.3	72.5	- 1.7	68.6	1.4	55.4	- 1.4	48.5	2.9	38.5	5.7	54.7	.8
ESSEX FELLS SERV BLDG	25.1		36.9		38.7		52.2		61.0		71.3		71.5		88.6		64.1		55.0		40.6		38.2		52.1	
FLEMINGTON 1 NE	25.9	- 6.0	34.8	2.5	39.7	- 1.1	52.3	1.2	61.8	- .5	75.0	2.2	74.7	- 1.0	71.2	- 2.4	67.5	.7	52.1	- 4.0	45.4	1.0	36.5	3.6	52.9	- .4
FREEHOLD	28.1	- 4.9	37.0	4.2	40.6	.2	53.8	3.3	62.5	.8	73.3	3.0	75.2	.1	71.2	- 1.9	68.6	2.2	54.5	- 1.8	47.7	2.5	38.4	5.7	54.2	.9
HAMMONTON 2 NNE	29.5	- 5.2	38.2M	3.8	45.6	1.2	55.0	3.0	63.8M	1.0	75.1	3.6	76.8M	.4	73.0M	- 1.2	69.6	2.0	54.7	- .6	48.5M	3.2	39.9	5.6	55.6	1.4
HIGH POINT PARK	17.3M		28.0		32.4		45.8		54.5		67.5		67.2		64.0		80.8M		47.2		40.5		51.7		48.4	
HIGHTSTOWN 1 N	27.9	- 4.8	36.6	3.9	40.2	- .5	53.6	5.0	61.9	.5	73.4	5.6	75.5	.5	71.2	- 1.6	68.6	2.5	55.6	- 2.4	47.5	2.5	38.5	4.2	54.0	.9
INDIAN MILLS 2 W	28.1	- 5.7	37.4	3.6	40.5	- .8	53.9	2.7	61.9	- .2	72.7	2.4	75.5	- 1.4	69.9	- 3.0	68.2	1.2	52.7	- 3.4	45.5	.2	37.8	2.8	53.5	- .1
JERSEY CITY	27.3	- 5.6	35.7	3.0	40.9	.6	51.7	1.3	60.9	- .5	71.5	1.2	74.9	- .8	70.6	- 3.4	67.5	.5	54.4	- 2.6	47.5	3.4	38.5	4.7	53.4	.1
LAMBERTVILLE	27.8	- 4.0	35.9	3.6	40.5	.3	53.4	2.7	62.7	1.1	74.2	4.2	75.1	.2	71.6	- 1.5	68.8M	2.8	53.1	- 2.5	45.9	1.7	37.5	5.8	53.9	1.1
LAURELTON 1 E					39.6	- 1.2	51.0	.4	59.6	- 1.8	70.8	.9	73.7	- 1.0	68.2	- 4.3	67.3	1.5	53.2	- 2.3	46.1	1.0	37.8	2.7		
LAYTON 3 NW	21.6	- 5.4	31.4	5.7	37.2	.9	50.6	3.2	59.4M	1.0	69.6	2.3	69.9	- 1.9	68.7	- 3.0	62.6	.7	48.1	- 5.6	42.5	2.5	34.1	3.3	49.5	.5
LEESBURG STATE FARM	29.6		36.4		41.8		55.5		63.7		72.8		75.1		71.3		68.6		55.5		48.0		40.0M		54.7	
LITTLE FALLS 1 E	26.4	- 4.9	35.7	4.2	40.5	.8	52.5	2.1	61.4	.1	72.9	3.2	74.5	- .4	70.5	- 2.3	67.3	1.6	55.0	- 2.6	47.1	2.8	37.8	4.0	53.5	.7
LONG BRANCH	28.3	- 5.0	36.5	3.6	41.1	.9	51.0	1.5	60.0	.2	70.7	1.5	74.2	- .4	69.9	- 2.9	67.9	1.8	54.2	- 2.0	47.5	2.0	39.8	4.0	53.4	.5
LONG VALLEY	24.8		34.3		39.1		51.2		58.9		71.1		71.5		68.6		64.2		51.0		44.2		35.7		51.2	
MILLVILLE					M		55.9M		64.0M		74.3M		76.5M		72.8M		70.0		53.6		48.0		40.8M			
MILLVVILLE AIRPORT			38.2M																							
MILTON																										
MOORESTOWN	29.2	- 4.0	37.0	3.8	41.3	.2	53.2	2.2	61.6	- .1	73.9	3.7	75.8	.6	71.6	- 1.5	68.6	2.3	55.6	- 2.3	47.1	2.3	38.9	4.1	54.5	.9
MORRIS PLAINS	25.3		34.8		39.6		52.0		60.8		71.5		73.7		70.0		65.9		52.8		45.6		36.0		52.4	
NEWARK WB AIRPORT	28.0	- 3.5	36.4	4.7	42.0	1.5	53.3	3.3	62.9	1.8	73.8	3.3	77.3	2.0	73.0	- .1	69.5	2.7	55.6	.0	48.5	3.4	39.1	5.1	54.9	2.0
NEW BRUNSWICK EXP STA	27.7	- 4.9	36.3	3.7	40.8	.2	53.2	2.4	62.4	.7	73.3	5.3	75.6	.5	71.6	- 1.5	68.2	1.6	54.5	- 1.9	47.7	2.7	38.9	4.7	54.2	1.0
NEWTON	22.6	- 5.3	31.8	3.7	37.0	.1	49.8	1.6	57.6	- 1.8	69.9	2.4	71.3	- 1.2	66.5	- 3.7	65.1	.0	48.8	- 4.1	42.7	1.6	34.0	4.1	49.6	- .2
PATERSON	27.7	- 4.2	36.5	4.5	40.8	.9	53.2	2.3	61.8	- .3	74.0	5.3	75.6M	- .3	70.1M	- 3.5	67.5	1.1	53.1	- 5.2	47.1	2.5	37.2	3.1	53.7	.5
PEMBERTON 5 E	28.6	- 5.8	37.9	3.7	41.1	- 1.2	53.9	1.8	62.7	- .3	72.8	1.6	75.0	- .7	70.8	- 3.4	68.6	1.1	53.9	- 5.1	47.3	1.2	39.0	5.5	54.5	- .1
PHILLIPSBURG	26.6	- 3.8	36.5	5.6	41.5	2.2	54.1	3.9	62.5	1.1	73.8	4.0	74.0	- .4	71.8	- .5	67.3	2.1	53.7	1.5	47.6	4.7	38.7	6.2	54.0	2.2
PLAINFIELD	27.6	- 4.6	36.0	3.6	40.9	.7	52.9	2.2	61.4	.1	73.0	3.1	74.4	- .7	71.2	- 1.9	67.7	1.6	53.9	- 2.0	48.8	2.2	37.6	3.5	53.6	.6
PLEASANTVILLE 1 N	28.3M	- 5.9	37.0	3.3	40.6	- .2	53.0	3.0	M		72.1	2.7	73.4	- 1.0	69.5	- 3.4	67.9	1.4	52.0	- 4.6	45.8	.4	38.5	2.8		
RIDGEFIELD	26.9	- 4.3	35.5	4.2	41.0	1.3	53.1	2.9	62.0	.9	73.9	3.9	75.2	.0	70.8	- 2.2	67.6	1.6	54.2	- 1.4	47.2	3.0	38.5	5.0	55.8	1.2
RUNYON	36.7	- .2	36.7M	5.7	41.0	1.7	53.9	4.8	62.0	1.7	75.5	4.2	75.4	.9	70.8	- 1.7	67.8	2.7	53.1	- 1.5	47.4	4.5	34.3	2.8	54.3	2.6
SANDY HOOK L85TA	29.1	- 4.5	36.5	3.5	41.2	1.2			63.1	2.9	73.1M	3.4	77.7	2.3	73.4	- .7	70.2	2.3	57.6	- .4	49.5	2.7				
SOMERVILLE	26.5	- 5.0	35.0	3.1	40.3	.3	52.8	2.5	61.9	.7	74.0M	4.2	75.5	.8	72.2	- .6	68.0	2.0	52.7	- 2.8	45.6	1.6	37.0	3.8	53.5	.9
SUSSEX 3 N	21.6	- 6.6	30.9	1.8	35.9	- 2.0	48.8	- .5	56.8	- 3.6	68.9	.0	70.2	- 3.2	65.7	- 5.5	61.7	- 2.1	48.5	- 5.1	42.1	.0	33.5	2.9	48.7	- 2.0
TRENTON 2	29.3M		37.0		42.0		53.8		63.3		75.1		76.9		72.9		69.5		54.7		47.7		M			
TRENTON WB CITY	28.8	- 3.8	36.9	4.2	41.7	.4	53.4	2.7	62.9	1.1	74.5	3.7	76.7	1.4	72.1	- 1.1	69.0	2.0	54.7	- 1.4	48.3	2.7	39.2	4.2	54.9	1.4
TUCKERTON													74.1		70.5M		69.0		55.3		47.0		39.1			
WOODSTOWN 2 NW													76.0		72.2		69.5		M							
DIVISIONAL AVERAGES																										
NORTHERN	25.3	- 5.2	34.4	3.6	39.3	.3	51.7	2.0	60.4	- .3	72.2	3.0	73.3	- .9	69.4	- 2.7	65.9	.9	52.0	- 2.7	45.3	2.2	36.4	3.9	52.1	.3
SOUTHERN	29.0	- 4.8	37.5	3.8	41.4	- .1	54.1	2.1	63.0	.9	73.9	3.2	75.7	.2	71.8	- 1.7	69.0	2.1	53.9	- 2.7	47.4	1.9	39.5	4.1	54.6	.8
COASTAL	29.8	- 5.0	38.0	3.9	41.5	.8	52.6	2.1	61.3	1.4	71.6	2.2	75.3	.6	71.8	- 1.8	69.8	2.1	56.5	- 1.5	49.4	2.3	41.8	4.9	55.0	1.1

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
ATLANTIC CITY WB	1.86	-1.92	4.01	.77	4.30	.77	2.26	-1.12	.54	-2.44	2.76	- .23	.31	-3.47	3.38	-1.34	2.14	-1.37	1.62	-1.59	4.54	1.22	6.78	3.47	34.52	- 7.25
AUDUBON	1.62		3.10		3.55		3.61		1.54		1.84		.47		1.12		2.13		2.71		4.07		5.23		30.99	
BASS RIVER ST FOREST	2.34		3.50		3.61		4.97		.35		3.64		2.01		1.89		3.42		1.91		4.94		6.81		39.59	
BELLEPLAIN	E 2.44	-1.16	3.11	.11	4.98	.67	2.69	- .67	.80	-3.27	1.67	- .76	.60	-3.56	3.17	-2.71	2.23	-1.81	2.10	-1.54	4.68	.50E	6.97	3.44	E35.46	-10.98
BELMAR	1.63		3.38		4.34		5.61		.84		1.17		2.24		2.82		2.06		3.49		2.62		4.79		34.79	
BELVIDERE	2.14	-1.64	2.00	-1.03	2.57	-1.67	7.10	3.16	3.41	- .82	3.37	-1.03	1.17	-4.20	1.28	-3.88	2.24	-1.49	3.08	- .33	3.51	- .52	5.50	1.86	37.37	-11.59
BERLIN 1 W	3.30		2.75		4.47		E 3.91		1.47		2.49		1.68		1.20		2.74		3.37		3.68		5.94		E37.00	
BLACKWELLS MILLS	2.37		2.32		3.29		5.67		.96		3.08		.82		1.67		2.70		2.66		3.19		7.65		36.78	
BOONTON 2 SE	2.26	-1.03	2.63	.06	2.33	-1.68	5.05	2.25	2.84	-1.51	1.38	-2.68	1.30	-2.90	2.44	-2.52	2.44	-1.84	3.34	.12	3.50	- .62	8.70	5.46	39.11	- 6.89
BOUND BROOK 1 W	1.73		2.72		2.35		6.21		1.08		1.99		1.56		2.77		2.61		2.57		2.73		6.56		34.90	
BRANCHVILLE	2.28		E 2.73		2.09		5.59		2.28		2.56		2.64		1.14		3.23		2.91		3.40		6.61		E37.46	
BRIDGETON 1 NE			2.71	- .10	2.70	-1.14	3.38	.25	1.00	-3.20	2.88	- .56	-		1.90	-3.20	2.60	-1.31	2.37	- .75	-		-		-	
BURLINGTON	1.58	-1.77	2.67	- .07	2.98	-1.53	4.98	1.56	.46	-3.62	2.04	-1.69	1.10	-3.14	1.38	-3.21	2.02	-1.71	2.27	-1.05	3.90	.16	4.98	2.04	30.36	-14.03
CANISTEAR RESERVOIR	1.98		2.42		2.80		5.27		2.52		2.78		3.08		1.43		3.27		4.14		3.94		9.56		43.17	
CANOE BROOK	1.89	-1.92	2.98	.16	2.55	-1.81	6.92	3.06	1.79	-2.74	1.69	-2.52	1.03	-3.59	2.18	-3.24	1.86	-2.53	3.58	.34	3.51	- .72	7.44	3.92	37.42	-11.59
CANTON	1.25		3.61		1.26		2.77		.80		3.48		.70		2.03		4.40		3.45		3.00		3.34		30.09	
CAPE MAY 3 W	E 2.06		E 3.30		E 3.52		3.42		.40		2.97		.52		2.16		6.31		1.62		5.61		8.13		E38.04	
CEDAR GROVE	2.50		2.59		2.72		6.23		4.68		2.68		2.07		3.35		3.24		4.77		3.95		9.77		48.55	
CHARLOTTEBURG	1.92	-1.87	2.66	- .36	3.16	-1.43	5.82	1.71	1.65	-2.76	1.84	-3.45	2.10	-2.63	2.00	-2.98	3.42	- .98	3.87	.10	3.54	-1.15	10.02	6.07	41.20	- 9.71
CHATHAM	1.94	-1.93	3.00	- .07	2.46	-2.11	6.81	2.82	2.47	-1.98	1.66	-2.58	1.66	-2.90	2.16	-3.35	1.75	-2.72	3.13	- .10	3.82	- .49	8.54	4.75	39.42	-10.62
CHATSWORTH 5 S	-		-		-		-		-		-		-		-		-		-		-		5.80		-	
CLAYTON	2.10		2.25		3.25		3.15		.92		3.53		.90		1.71		5.11		3.36		3.57		7.20		37.05	
CLINTON	2.08		2.26		2.43		6.40		1.41		2.10		.97		1.70		1.49		2.39		3.74		6.45		33.42	
DEEPWATER	1.46		1.57		1.59		3.20		1.74		1.64		.81		1.43		6.75		2.22		2.89		4.77		30.07	
ELIZABETH	1.66	-2.49	2.84	- .22	3.93	- .54	6.00	2.14	1.42	-2.92	1.93	-1.98	2.83	-1.55	2.97	-2.04	3.95	- .39	2.83	- .48	3.73	- .19	6.08	2.66	40.17	- 8.00
ELIZABETHPORT	1.52		2.48		2.54		5.37		.88		1.48		1.67		2.43		3.39		2.42		3.86		5.10		33.14	
ESSEX FELLS SERV BLDG	E 2.70		2.57		1.99		4.78		4.32		2.56		1.21		1.35		2.43		2.97		3.81		8.73		E39.42	
FLEMINGTON 1 ME	2.00	-1.36	2.42	- .21	2.81	-1.32	5.55	1.90	1.00	-3.34	3.30	- .62	.97	-3.41	1.28	-4.05	1.58	-1.91	2.30	- .88	4.60	.84	6.20	2.85	34.01	-11.51
FORTESCUE	1.70		2.72		3.11		1.35		.71		2.43		.56		2.18		2.36		1.81		4.60		5.53		29.06	
FREEHOLD	1.46	-2.18	3.18	.23	4.20	.00	4.85	1.29	1.43	-2.70	2.21	-1.52	1.67	-2.35	2.73	-2.27	2.15	-1.72	2.56	- .96	4.73	.69	5.86	2.48	37.05	- 9.01
GREENWOOD LAKE	1.80		2.61		3.11		5.78		2.17		1.64		2.03		1.89		3.81		4.26		4.25		10.77		44.12	
HAMMONTON 2 NNE	1.34	-2.35	3.02	- .04	3.09	-1.21	2.45	-1.22	.55	-3.60	4.39	.35	.71	-3.48	1.82	-4.13	4.17	.68	2.23	-1.44	4.55	.78	6.07	2.95	34.39	-12.71
HIGH POINT PARK	E 3.00		1.81		2.65		6.23		3.40		1.94		4.89		3.69		3.13		3.95		3.19		7.54		E45.42	
HIGHTSTOWN 1 W	1.73	-1.53	2.30	- .29	2.83	-1.07	5.83	2.53	1.83	-2.01	2.09	-1.91	1.17	-3.08	1.39	-3.38	2.05	-2.06	2.53	- .74	3.51	.04	5.60	2.68	32.88	-10.82
INDIAN MILLS 2 W	1.69	-1.82	3.23	.31	3.50	- .74	3.46	.00	.75	-3.35	3.13	- .92	.83	-3.01	.65	-4.96	4.02	.57	2.99	- .36	4.13	.33	6.25	3.13	34.83	-10.83
IRVINGTON	2.09		2.55		2.60		5.90		2.20		1.82		1.38		3.09		3.47		2.93		3.35		5.83		37.21	
JERSEY CITY	2.05	-1.42	2.42	- .34	3.10	- .99	4.86	1.41	2.62	-1.33	2.16	-1.36	2.61	-1.35	3.07	-1.43	3.04	- .82	3.64	.66	3.92	.51	5.81	2.63	39.30	- 3.74
LAMBERTVILLE	2.18	-1.26E	2.41	- .18	2.73	-1.38	5.69	2.01	1.53	-2.84	1.52	-2.43	.91	-3.56	1.98	-3.40	1.86	-1.43	1.87	-1.12	3.98	.20	5.48	2.33	E32.05	-13.06
LAURELTON 1 E	E 1.70	-2.15E	2.96	- .14	3.75	- .52	4.72	1.00	.53	-3.61	1.31	-2.20	1.65	-2.15	2.94	-2.20	2.48	-1.26	2.51	-1.40	5.58	1.37E	5.15	1.86	E35.30	-11.40
LAYTON 3 NW	2.79	- .12	2.41	.13	2.30	-1.18	5.28	1.51	2.64	-1.47	2.43	-1.78	3.22	-1.69	1.41	-3.14	3.27	- .48	3.05	- .32	2.99	- .84	6.92	4.18	38.71	- 5.20
LEESBURG STATE FARM	E 1.74		3.11		3.90		1.87		.41		1.85		.54		2.83		2.74		2.34		5.34		5.43		E32.10	
LITTLE FALLS 1 E	1.63	-2.12	2.73	- .20	3.07	-1.33	5.55	1.31	3.38	-1.20	2.35	-2.10	1.50	-3.00	2.38	-2.89	2.21	-2.39	4.17	.68	3.76	- .64	9.15	5.37	41.88	- 8.51
LONG BRANCH	1.77	-2.16	2.83	- .54	4.22	- .07	5.64	2.10	1.00	-2.64	1.43	-2.16	.84	-3.25	2.82	-2.55	2.76	-1.25	4.27	.77	4.44	.50	6.09	2.55	38.11	- 8.70
LONG VALLEY	-		-		2.59	-1.76	6.17	2.36	3.31	- .99	2.43	-1.86	.90	-4.24	1.54	-3.77	1.98	-1.91	2.87	- .57	5.52	1.16	-		-	
MACOPIN INTAKE	1.93		2.50		2.56		5.83		1.91		1.16		1.92		2.23		3.37		4.37		4.06		9.69		41.53	
MAHWAH	1.94		2.60		2.81		5.65		1.60		2.50		2.38		2.24		3.21		3.64		3.09		9.30		41.16	
MANVILLE	E 2.62		1.91		2.54		5.93		1.16		2.07		1.86		3.53		2.99		2.91		3.92		6.22		E37.66	
MARLTON 1 W	1.69		3.19		3.73		4.65		1.27		2.96		1.88		1.16		3.33		2.69		4.02		5.20		35.77	
MAYS LANDING	3.17		2.56		2.36		2.63		.21		2.74		.53		1.57		5.50		1.70		3.72		5.56		32.25	
MIDLAND PARK	2.11		E 3.01		2.96		4.70		2.41		3.12		1.62		3.79		3.13		4.19		3.37		8.50		E42.91	
MILLVILLE	2.04		2.95		2.26		2.49		.41		2.53		.63		2.15		3.54		2.73		5.58		5.42		32.73	
MILLVVILLE AIRPORT	-		2.37		-		-		-		-		-		-		-		-		-		-		-	
MILTON	2.78		2.74		3.09		5.52		1.97		1.95		2.37		1.97		4.24		3.48		4.91		12.10		47.12	
MOORESTOWN	1.34	-1.89	2.75	.18	4.12	.25	3.67	.20	1.69	-2.64	1.56	-2.08	1.67	-2.31	1.13	-3.80	1.98	-1.69	2.60	- .40	2.80	- .84	5.47	2.72	30.78	-12.30
MORRIS PLAINS	2.40		2.66		2.80		6.48		4.23		1.62		1.16		1.82		2.50		3.38		4.48		8.33		41.86	
NEWARK WB AIRPORT	1.77	-1.83	2.77	- .33	2.73	-1.05	5.45	2.18	1.87	-1.66	1.54	-2.26	1.51	-2.69	2.64	-1.55	3.80	- .09	2.13	-1.07	3.13	.03	5.74	2.64	35.08	- 7.88
NEW BRUNSWICK EXP STA	2.02	-1.36	2.51	- .09	2.98	- .88	5.66	2.32	.96	-3.03	2.19	-1.64	1.31	-2.94	3.66	-1.12	2.32	-1.87	2.03	-1.09	3.92	.29	5.71	2.65	35.27	- 8.76
NEW MILFORD	1.94	-1.58	2.54	- .17	2.92	-1.21	5.58	1.79	3.54	- .54	2.84	-1.06	1.72	-2.66	3.68	- .81	2.86	- .97	3.40	.30	3.68	- .05	5.93	2.52	40.63	- 4.44
NEWTON	E 2.27	- .83	2.07	- .44	2.03	-1.55	5.56	1.96	1.82	-2.42	1.96	-2.51	2.11	-2.57	1.30	-3.36	3.06	- .80	2.76	- .67	2.80	- .94E	6.13	3.00	E33.87	-11.13
OAK RIDGE RESERVOIR	2.29		2.98		3.46		5.90		1.90		2.01		2.32		2.04		3.93		3.70		5.04		10.48		46.05	
OLDWICK	1.89		2.50		2.72		5.99		1.53		2.06		.77		.84		1.75		2.34		3.17		7.82		33.38	
ORANGE	2.07		2.89		2.91		6.63		3.38		2.18		1.09		2.63		2.51		3.62		4.84		6.96		41.71	
PATERSON	1.65	-2.03	3.56	.66	3.24	-1.22	4.86	.90	3.93	- .55	2.97	-1.38E	2.53	-2.05E	3.32	-1.72	2.54	-1.65	4.47	1.21	3.43	- .63	7.59	3.91	E44.09	- 4.55
PENBERTON 3 E	1.57	-1.75	3.07	.45	3.67	- .06	4.53	1.09	.74	-3.24	1.78	-2.11	1.15	-3.20	2.70	-2.14	2.37	-1.32	2.64	- .58	4.18	.62	6.50	3.59	34.99	- 8.65
PHILLIPSBURG	1.75	-2.12	2.11	- .89	2.74	-1.50	7.21	3.31	3.06	-1.24	3.03	-1.36	.92	-4.72	2.22	-3.09	3.15	- .87	2.84	- .65	3.61	- .15	5.87	2.30	38.51	-10.98
PHILLIPSBURG BRIDGE	E 2.33		2.53		2.64		6.55		2.96		3.20		1.42		1.78		3.47		2.93		3.49		E 6.38		E39.68	
PLAINFIELD	1.99	-1.69	2.34	- .50	2.66	-1.63	5.93	2.18	1.70	-2.68	3.14	-1.43	2.45	-2.04	2.93	-2.47	2.90	-1.61	3.17	- .15	3.44	- .48	7.20	3.77	39.85	- 8.73
PLEASANT RUN	2.58		2.30		2.31		4.88		.99		4.05		1.81		1.57		1.75		2.45		3.55		7.16		35.40	
PLEASANTVILLE 1 N	1.99	-1.90	3.14	- .11	4.75	.49	3.28	- .31	.81	-2.73	2.26	- .88	.36	-3.50	2.77	-3.06	2.10	-1.38	1.97	-1.44	4.80	.44	6.27	2.69	34.50	-11.69
PRINCETON WATER WORKS	1.69		2.25		3.12		5.21		.68		1.48		1.12		2.02		2.06		2.65		3.62		5.56		31.46	
RAHWAY	1.59		2.34		2.65		5.56		1.07		2.50		1.69		2.27		4.08		2.54		4.24		4.71		35.24	
RIDGEFIELD	1.99	-1.73	2.75	- .14	3.19	-1.32	5.38	1.77	6.02	1.75	2.65	-1.11	1.96	-2.36	3.33	-1.40	4.06	- .10	4.12	.76	4.48	.54	6.23	2.63	46.16	- .76
RINGWOOD	1.58		2.62		3.14		5.58		2.17		2.09		3.08		1.61		3.62		4.06		3.51		8.80		41.86	
RUNYON	2.12	-1.54	2.44	- .43	3.01	-1.24	5.02	1.44	1.96	-1.78	1.92	-1.93	1.07	-3.18	3.19	-1.22	3.01	-1.16	3.11	- .26	4.37	.54	6.97	3.63	38.19	- 7.11
SANDY HOOK L8STA	2.14	-1.08	2.36	- .14	3.66	.03E	5.37	2.40	1.17	-2.44	1.27	-1.85	2.45	-1.11	1.61	-2.94	1.67	-1.96	3.47	.60	4.74	1.36E	5.92	2.85	E35.83	- 4.28
SOMERVILLE	E 2.08	-1.27	2.02	- .62	2.42	-1.66	5.77	2.23	.77	-3.35	2.22	-1.78	1.36	-3.08	1.30	-4.11	2.04	-1.40	2.33	- .95	3.86	.11	6.50	3.27	E32.67	-12.61
SPLIT ROCK POND	1.72		2.65		2.86		5.53		2.37		1.62		1.73		2.20		3.03		3.68		4.04		10.37		41.80	
SUSSEX 3 N	1.92	-1.58	2.18	- .56	2.30	-1.33	5.38	1.64	2.99	- .97	1.44	-2.76	3.54	-1.53	1.49	-3.3	4.87	1.21	3.33	.13	3.01	- .99	5.31	1.89	37.76	- 8.23
SWEDESBORO 5 NW	1.24		2.99		2.70		4.34		1.58		3.86		1.72		2.05		3.92		2.87		3.44		3.61		34.32	
TOMS RIVER	1.88		1.94		3.13		3.90		.77		2.69		1.34		1.53		4.18		2.44		5.87		E 6.62		E36.29	
TRENTON 2	2.10	-1.65	3.02	.16	3.38	-1.03	5.57	1.84	1.44	-2.90	2.18	-2.07	1.67	-3.05	1.43	-4.16	2.78	-1.45	2.49	- .76	3.35	- .45	6.74	3.45	36.15	-12.07
TRENTON WB CITY	1.87	-1.29	2.86	.20	2.70	- .50	4.93	1.93	1.40	-2.08	1.47	-2.40	1.23	-2.83	1.10	-3.49	2.11	-1.64	1.95	- .70	2.47	- .39	4.70	1.92	28.79	-11.27
TUCKERTON	-		-		-		-		-		-		.40		3.12		2.75		1.35		4.55		6.09		-	
VINELAND	E 1.71		2.61		2.65		2.74		.50		3.09		1.10		1.38		3.95		3.15		5.04		5.60		E33.52	
WANAQUE RAYMOND DAM	1.88		2.67		2.92		5.38		1.73		1.45		1.90		1.73		3.08		4.50		3.52		8.95		39.71	
WERTSVILLE	1.78		2.03		2.65		6.05		.99		1.42		.90		1.46		1.60		2.24		3.69		5.90		30.71	
WESTFIELD	2.06		2.91		3.29		8.00		1.92		3.77		1.50		3.02		3.09		3.35		4.66		7.26		44.83	
WOODCLIFF LAKE	2.20	-1.41	2.58	- .17	2.94	-1.28	5.48	1.57	2.34	-1.87	1.64	-2.04	2.88	-1.46	2.82	-1.85	2.80	-1.18	3.48	.38	4.12	.21	6.57	3.05	39.85	- 6.05
WOODSTOWN 2 NW	-		-		-		-		-		-		.90		1.65		5.71		-		-		-		-	
DIVISIONAL AVERAGES																										
NORTHERN	2.05	-1.52	2.52	- .28	2.72	-1.47	5.81	2.03	2.71	-1.58	2.23	-1.93	1.80	-2.82	2.08	-2.99	2.83	-1.20	3.18	- .13	3.72	- .27	7.07	3.60	38.72	- 8.56
SOUTHERN	1.81	-1.74	2.92	.03	3.46	- .60	4.01	.57	1.03	-2.96	2.14	-1.57	.97	-3.08	2.08	-3.12	2.87	- .91	2.45	- .82	4.22	.44	5.87	2.71	33.73	-11.05
COASTAL	1.92	-1.75	3.07	.11	4.06	.20	3.78	.53	.78	-2.59	2.11	-1.06	1.03	-2.38	2.44	-2.42	3.22	- .52	2.75	- .35	4.83	1.18	6.33	3.12	36.37	- 5.93

See Reference Notes Following Station Index

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
ATLANTIC CITY WB	92	7- 5	7	1-15	1-19	16	1-24	19	1-24	19	3- 5	26	4-13	30	11-11	30	12- 5	27	12-11	23	12-12	16	12-12	16	327	322	321	275	212
AUDUBON	103	7-21	2	1-18	1-20	13	2-12	19	3- 4	24	3- 6	26	4-16	31	11-10	30	11-11	28	12- 5	23	12- 6	19	12-12	14	326	297	276	250	208
BELLEPLAIN	101	7-22	-10	1-18	1-24	16	3- 5	20	4-11	23	4-16	26	5- 4	31	9-28	28	9-28	28	11-11	19	11-11	19	12-12	13	322	251	214	165	147
BELVIDERE	101	7-21	- 8	1-18	2- 3	11	3- 5	20	3-11	24	4-16	27	4-16	27	9-27	31	11-10	24	11-10	24	12- 6	11	12- 6	11	306	276	244	208	164
BOONTON 2 SE	97	7-23	- 7	1-18	2-13	15	3- 6	19	3- 6	19	4-11	28	4-16	30	9-27	32	11-11	24	11-11	24	11-27	18	12- 6	11	296	266	250	214	164
BRIDGETON 1 NE	-	-	-	-	-		2-21	18	4-11	24	4-16	26	5- 4	32	-		-		-		-		-		-	-	-	-	-
BURLINGTON	105	7-21	0	1-18	1-20	8	2-12	19	3- 5	24	3- 5	24	4-16	29	11-10	32	11-11	28	11-13	24	None		12-12	15	326	-	253	251	208
CANOE BROOK	100	7-22	-15	1-17+	3- 5	14	3-31	18	4-16	22	4-16	22	4-16	22	9-27	27	9-27	27	11-11	20	11-11	20	12- 6	15	276	225	209	164	164
CAPE MAY 3 W	-	-	-	-	1-17	15	1-24	20	2-12	23	3- 6	28	4-13	32	11-12	29	-		-		-		-		-	-	-	-	213
CHARLOTTESBURG	-	-	-12	1-18	3- 7	16	4-16	20	4-16	20	4-16	20	6-10	30	9-25	32	9-28	27	11-11	21	11-12	19	12- 6	6	274	210	209	165	107
CHATSWORTH 5 S	-	-	-	-	-		-		-		-		-		None		None		None		None		None		-	-	-	-	-
CLAYTON	101	7-21	- 1	1-18	1-24	16	2-12	19	3- 5	24	3-13	28	4-16	29	11-10	30	11-11	26	11-12	23	12- 6	16	12- 6	16	316	297	252	243	208
ELIZABETH	102	7-21+	0	1-15+	2- 3	15	3- 4	20	3- 6	23	4-15	27	4-16	29	11- 7	30	11-11	24	11-11	24	12- 5	20	12- 6	15	306	276	250	210	205
ESSEX FELLS SERV BLDG	100	7-22	- 6	1-17	2-13	16	3- 6	20	3-11	24	3-31	28	4-16	30	9-29	32	11-11	20	11-11	20	11-11	20	12-12	16	302	250	245	225	166
FLEMINGTON 1 NE	104	7-22	-11	1-18	2-22	16	3- 7	20	4-16	23	4-16	23	5- 4	31	9-27	28	9-27	28	11-11	23	11-12	20	12- 6	5	287	250	209	164	146
FREEHOLD	101	7-21+	- 3	1-18	2-12	16	3- 5	20	3- 6	24	4-15	28	5- 4	31	10-12	30	11-11	23	11-11	23	12- 5	18	12- 6	15	297	275	250	210	161
HAMMONTON 2 NNE	103	7-21	1	1-15+	1-24	16	2-12	18	3- 5	22	4-11	28	4-15	30	10-28	32	11-11	24	11-11	24	12- 6	19	12-12	12	322	297	251	214	196
HIGH POINT PARK	89	6-17+	-18	1-16+	3-11	16	4- 4	18	4-15	24	5- 4	28	5-17	32	9-27	28	9-27	28	11-11	16	11-11	16	11-11	16	245	221	210	146	133
HIGHTSTOWN 1 N	103	7-21	- 4	1-18	2- 3	14	3- 4	20	3- 6	24	4-16	28	5- 4	31	9-28	32	11-11	23	11-11	23	12- 6	14	12- 6	14	306	277	250	209	147
INDIAN MILLS 2 W	101	7-21+	-11	1-18	1-24	14	3- 5	17	4-16	23	4-16	23	5- 4	29	9-27	30	9-28	27	11-11	19	11-11	19	12- 6	12	316	251	209	165	146
JERSEY CITY	100	7-22	0	1-15	2-12	16	2-12	16	3- 5	22	3-11	27	4- 9	30	11-10	32	11-11	27	11-27	23	12-12	17	None		-	303	267	245	215
LAMBERTVILLE	101	7-21	- 3	1-18	2-12	15	3- 5	18	3-31	24	4-16	26	5- 4	32	9-27	30	11-11	22	11-11	22	11-27	20	12- 6	10	297	267	225	209	146
LAURELTON 1 E	105	7-22	-	-	None		3- 6	18	4-16	22	4-16	22	5- 4	32	9-27	32	-		-		-		12- 6	14	-	-	-	-	146
LAYTON 3 NW	97	7-21+	-21	1-18	3-23	10	4-16	18	4-16	18	5-17	27	6-10	30	9-27	23	9-27	23	9-27	23	11- 7	18	11-11	16	233	205	164	133	109
LEESBURG STATE FARM	98	7-22	3	1-17	1-24	16	2-12	20	3- 6	24	4-16	27	4-16	27	9-27	32	11-11	23	11-11	23	11-12	19	12-12	15	322	273	250	209	164
LITTLE FALLS 1 E	102	7-22	- 6	1-18	2-12	15	3- 5	19	3- 6	21	3-31	28	4-16	29	9-28	32	11-11	24	11-11	24	12- 6	14	12- 6	14	297	276	250	225	165
LONG BRANCH	102	7-22	2	1-18	1-24	16	1-24	16	3- 6	24	3-11	27	4-15	32	11-10	30	11-11	26	12- 5	24	12- 6	19	12-12	15	322	316	274	245	209
LONG VALLEY	99	7-22	-15	1-18	2-12	12	3- 6	19	4-16	22	4-16	22	5- 3	32	9-27	28	9-27	28	11-11	17	11-11	17	12- 6	4	297	250	209	164	147
MILLVILLE	100	7-23	-	-	-		-		-		4-11	28	4-16	30	10-28	32	11-11	28	11-12	21	12-12	16	12-12	16	-	-	-	214	195
MILLVILLE AIRPORT	-	-	-	-	-		-		-		-		-		-		-		-		-		-		-	-	-	-	-
MOORESTOWN	102	7-21	1	1-15	1-20	9	2-12	19	3- 5	23	4-16	28	4-16	28	9-27	32	11-11	26	11-13	23	12- 6	19	12-12	14	326	297	253	209	164
MORRIS PLAINS	99	7-22	- 8	1-18	2-12	14	3- 6	18	4-11	24	4-16	25	5- 3	30	9-27	29	10-21	28	11-11	22	11-13	20	12- 6	9	297	252	214	188	147
NEWARK WB AIRPORT	101	7-22	0	1-15	1-24	16	2-12	18	3- 5	23	3-11	28	4-11	31	11-10	32	11-27	26	12- 6	20	12- 6	20	12-13	16	323	297	276	261	213
NEW BRUNSWICK EXP STA	102	7-22	- 5	1-18	2-12	15	3- 4	20	3- 6	24	4-15	28	4-16	29	10-26	32	11-11	24	11-11	24	12- 6	16	12- 6	16	297	277	250	210	193
NEWTON	98	7-22+	-13	1-17	3- 6	16	3- 6	16	4-16	23	4-16	23	5-17	31	9-28	30	9-29	28	11-11	18	11-11	18	11-27	16	266	250	209	166	134
PATERSON	102	7-23	- 3	1-16	2-13	16	2-28	20	3- 6	24	3-11	27	4-16	32	10-26	32	11-11	25	11-27	21	12- 6	19	12-12	12	302	281	266	245	193
PEMBERTON 3 E	103	7-21+	-16	1-18	1-24	16	3- 4	18	4-16	24	4-16	24	5- 4	30	9-27	28	9-27	28	11-11	22	11-12	20	12- 6	14	316	253	209	164	146
PHILLIPSBURG	101	7-22	- 5	1-18+	2-12	15	3- 4	20	3- 5	21	4-16	27	5- 4	32	10-13	31	11-11	26	11-12	24	12- 6	13	12- 6	13	297	277	252	209	162
PLAINFIELD	101	7-21	- 3	1-18	2- 3	16	3- 4	20	3- 6	24	4-16	27	5- 4	32	9-27	31	11-11	25	11-12	23	11-27	20	12- 6	13	306	268	251	209	146
PLEASANTVILLE 1 N	100	7-23	- 3	1-18	1-25	16	3- 5	20	4-11	24	4-16	28	5- 6	32	9-28	32	11-10	28	11-11	21	11-12	19	12-12	13	321	252	214	208	145
RIDGEFIELD	100	7-22	- 1	1-15	2-12	15	2-12	15	3- 6	24	4-15	28	4-16	30	11- 7	32	11-11	24	11-11	24	12- 6	19	12-12	16	303	297	250	210	205
RUNYON	106	7-22	-16	1-18	3- 5	15	3- 6	18	4-16	21	5- 3	28	5- 5	31	9-27	25	9-27	25	10-12	24	11-12	15	11-12	15	252	251	179	147	145
SANDY HOOK LBSTA	101	7-22	5	1-15	1-24	16	2-12	20	3- 4	23	3-11	26	3-26	32	11-26	32	None		None		None		None		-	-	-	-	245
SOMERVILLE	103	7-21+	-10	1-18	2-12	16	3- 5	18	4-11	24	4-16	25	5- 4	31	9-27	29	10-28	27	11-11	20	11-11	20	12-12	12	303	251	214	195	146
SUSSEX 3 N	97	7-23	-10	1-15+	3- 6	16	3-11	20	4- 1	23	4-16	26	5-17	32	9-27	27	9-27	27	11-11	18	11-11	18	11-27	15	266	245	224	164	133
TRENTON 2	102	7-21+	2	1-15	1-24	16	2-12	18	3- 5	22	3-11	28	4-16	31	11-10	30	11-11	26	12- 5	24	12- 6	20	12-12	12	322	297	275	245	208
TRENTON WB CITY	100	7-21+	2	1-15	1-24	16	2-12	18	3- 5	23	3- 5	23	3-31	32	11-10	32	11-27	28	12- 5	24	12-12	13	12-12	13	322	303	275	267	224
TUCKERTON	101	7-22	-	-	-		-		-		-		-		9-28	32	11-10	28	11-11	21	11-12	18	None		-	-	-	-	-
WOODSTOWN 5 WSW	102	7-23	-	-	-		-		-		-		-		-		-		-		-		-		-	-	-	-	-

TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
CANOE BROOK	EVAP	-	-	-	-	-	B5.08	5.65	84.84	3.08	82.10	-	-	-
	DEP	-	-	-	-	-	.54	.54	.66	.10	.21	-	-	-
	WIND	-	-	-	-	-	285	262	202	131	323	-	-	-
PLEASANTVILLE 1 N	EVAP	-	-	-	-	B6.70	6.00	7.93	85.49	-	2.49	-	-	-
	DEP	-	-	-	-	.98	- .07	1.49	- .15	-	- .08	-	-	-
	WIND	-	-	-	1404	1214	974	1051	728	719	998	1261	-	-
RUNYON	EVAP	-	-	-	-	-	5.80	-	-	-	-	-	-	-
	DEP	-	-	-	-	-	.59	-	-	-	-	-	-	-
	WIND	-	-	-	-	340	-	-	-	-	-	-	-	-

See reference notes following Station Index.

SOIL TEMPERATURES

Station and Depth	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
NEW BRUNSWICK EXP STA																										
MEASURED UNDER SOD																										
1 INCH	30.4	44/28	35.6	52/29	40.7	56.31	49.8	70/38	62.9	83/44	77.1	102/52	80.3	105/60	74.9	100/58	69.0	88/49	54.8	68/43	47.4	81/34	38.8	54/33	55.2	105/26
2 INCHES	30.9	38/27	35.3	49/30	40.3	52/32	49.1	67/37	59.7	74/48	73.2	88/55	76.1	93/63	72.2	85/62	71.3	78/52	54.2	85/44	47.0	58/38	38.8	52/34	54.1	83/27
4 INCHES	30.9	35/27	35.3	49/30	39.7	51/32	49.3	64/38	60.1	71/48	72.8	86/52	75.7	90/64	72.2	83/63	87.8	77/52	54.4	85/44	47.1	57/37	40.0	52/35	53.8	80/27
8 INCHES	32.7	36/30	35.5	45/31	39.8	49/34	47.9	60/40	58.8	65/50	70.3	78/80	73.8	82/67	71.6	79/68	67.7	73/56	55.3	82/47	48.0	58/40	41.2	49/37	53.5	82/30
16 INCHES	34.5	38/32	35.9	42/32	39.5	43/36	48.7	57/41	57.3	62/51	67.6	73/61	71.7	78/88	70.9	75/87	68.0	71/59	58.8	81/50	49.5	55/44	42.8	47/39	53.4	78/32
32 INCHES	37.3	42/34	37.2	40/35	39.8	42/37	44.9	52/42	54.3	58/51	62.5	68/57	67.9	70/66	68.7	70/87	68.8	68/82	58.8	83/54	51.7	55/48	45.1	49/43	52.8	70/34

Monthly averages are obtained by taking the average of max and min values.

Cover: Kentucky bluegrass.

† CHANGES IN STATION NAMES

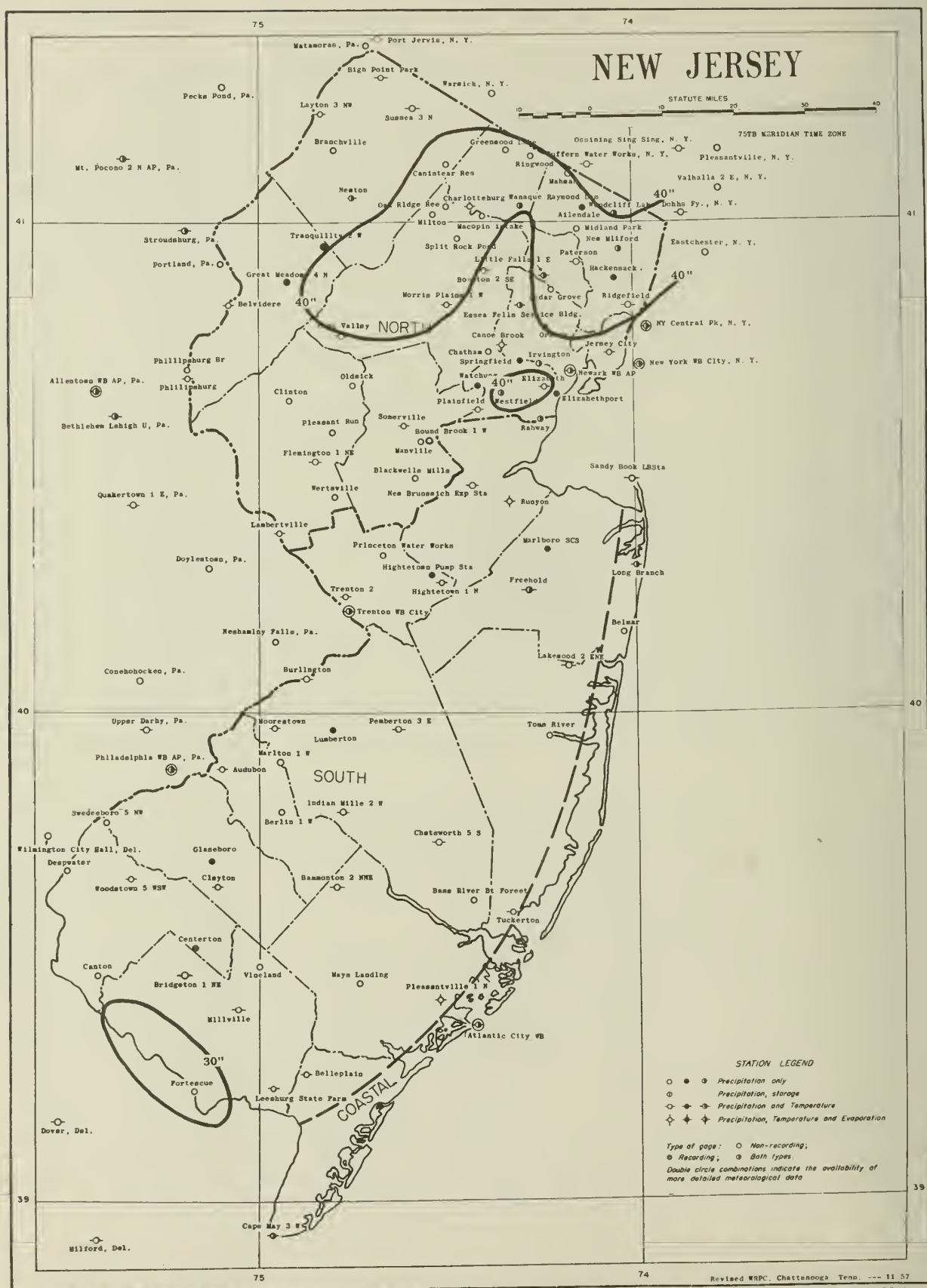
NEW NAME	OLD NAME	DATE
TUCKERTON	TUCKERTON 2 SW	July 1857
WOODSTOWN 5 WSW	WOODSTOWN 2 NW	July 1857

RELOCATION AND CHANGES IN EQUIPMENT

CANTON	All equipment moved 1.3 miles N	June 5, 1857
GREAT MEADOWS 4 N	All equipment moved 0.8 mile W	November 4, 1957
LAKEWOOD 2 ENE	Moved 4.0 miles SE to Laurelton 1 E	July 1, 1957
MAHWAH	All equipment moved 150 feet SE	October 15, 1957
MILLVILLE	Temperature equipment added	March 18, 1957
TUCKERTON	All equipment moved 2.2 miles NE	July 1, 1857
WESTFIELD	All equipment moved 0.5 mile NE	January 28, 1857
WOODSTOWN 5 WSW	All equipment moved 4.0 miles WSW	July 1, 1857

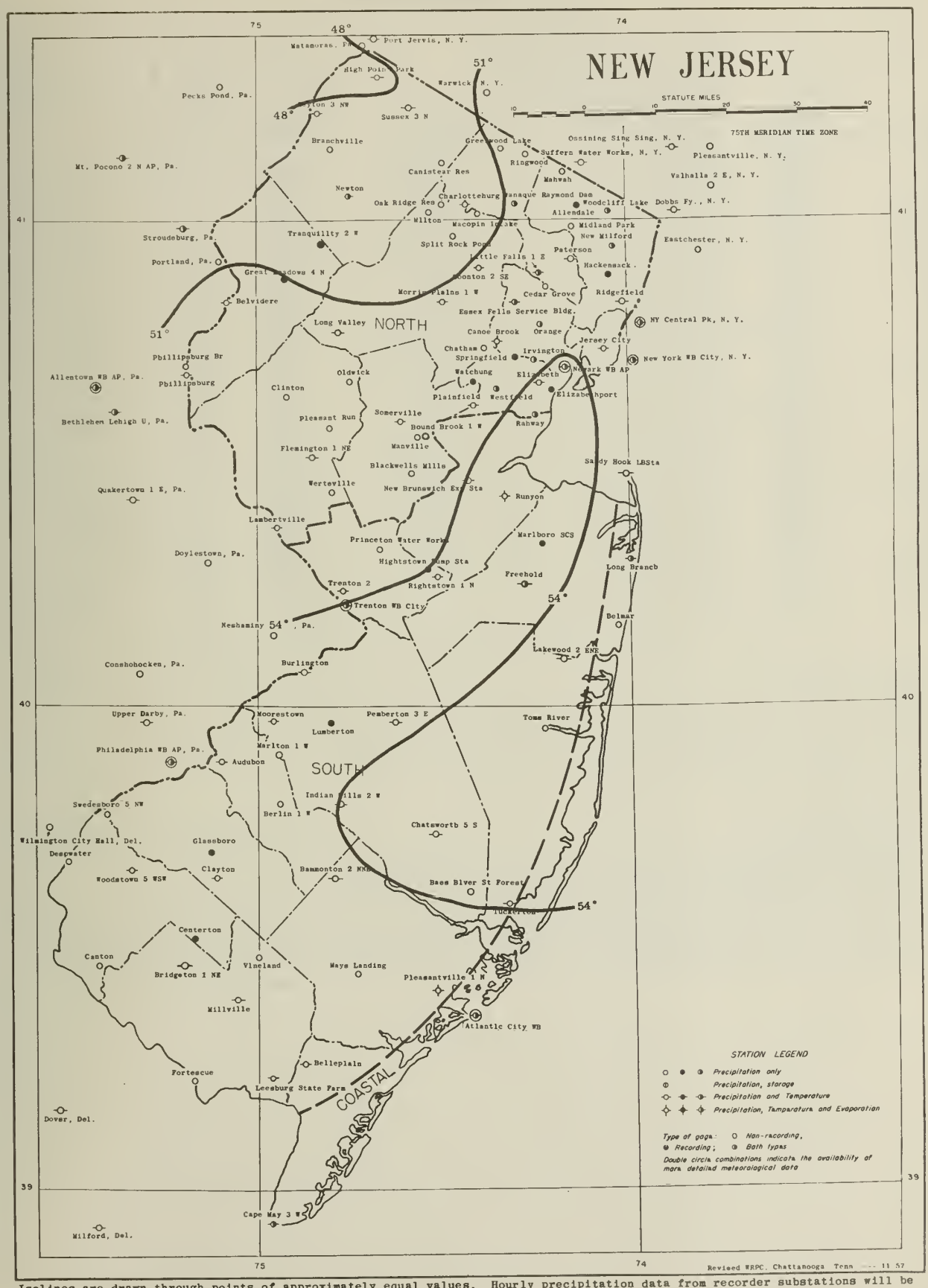
See reference notes following Station Index

TOTAL PRECIPITATION



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

AVERAGE TEMPERATURE



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

Station	Index No.	County	Drainage‡	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables
ALLENDALE	0100	BERGEN	8	41 02	74 08	270						C
#ATLANTIC CITY WB	0325	ATLANTIC	1	39 22	74 25	8	84	84				1 2 3 C
AUDUBON	0346	CAMDEN	2	39 54	75 04	50	5	8				1 2 3
BASS RIVER STATE FOREST	0528	BURLINGTON	1	39 37	74 26	20		11				2
BELLEPLAIN	0690	CAPE MAY	1	39 16	74 52	49	63	63				1 2 3
BELMAR	0721	MONMOUTH	1	40 10	74 02	19		16				2
BELVIDERE	0729	WARREN	2	40 50	75 05	289	65	65				1 2 3
BERLIN 1 W	0787	CAMDEN	7	39 48	74 57	150		16				2
BLACKWELLS MILLS	0847	SOMERSET	10	40 29	74 35	27		1				2
BOONTON 2 SE	0907	MORRIS	8	40 54	74 24	280	49	67				1 2 3
BOUND BROOK 1 W	0927	SOMERSET	10	40 33	74 33	20		1				2
BRANCHVILLE	0978	SUSSEX	2	41 09	74 47	570		56				2
BRIDGETON 1 NE	1028	CUMBERLAND	2	39 28	75 12	114	67	72				1 2 3
BURLINGTON	1211	BURLINGTON	2	40 04	74 53	12	45	71				1 2 3
CANISTEAR RESERVOIR	1327	SUSSEX	8	41 07	74 30	1040		17				2
CANOE BROOK	1335	ESSEX	8	40 45	74 21	180	27	27	27			1 2 3 4
CANTON	1343	SALEM	2	39 28	75 25	20		11				2
CAPE MAY 3 W	1351	CAPE MAY	1	38 56	74 57	17	32	69				1 2 3 C
CEDAR GROVE	1472	ESSEX	8	40 52	74 13	400		17				2
CENTERTON	1512	SALEM	6	39 31	75 10	80						C
CHARLOTTEBURG	1582	PASSAIC	8	41 03	74 26	760	65	65				1 2 3
CHATHAM	1590	MORRIS	8	40 44	74 23	185		53				2
CHATSWORTH S S	1598	BURLINGTON	1	39 44	74 32	90	15	15				1 2 3
CLAYTON	1708	GLOUCESTER	6	39 39	75 06	120	44	64				1 2 3
CLINTON	1749	HUNTERDON	10	40 38	74 55	300		14				2
DEEPWATER	2209	SALEM	2	39 41	75 30	12		17				2
ELIZABETH	2644	UNION	1	40 40	74 14	33	78	78				1 2 3
ELIZABETHPORT	2652	UNION	8	40 39	74 12	30		18				2 C
ESSEX FELLS SERVICE BLDG	2768	ESSEX	8	40 50	74 18	250	9	9				1 2 3 C
FLEMINGTON 1 NE	3029	HUNTERDON	10	40 31	74 51	134	60	71				1 2 3
FORTESCUE	3102	CUMBERLAND	2	39 14	75 10	5		11				2
FREEHOLD	3181	MONMOUTH	10	40 15	74 17	194	53	53				1 2 3 C
GLASSBORO	3291	GLOUCESTER	2	39 42	75 07	150						C
GREAT MEADOWS 4 N	3416	WARREN	2	40 56	74 55	540						C
GREENWOOD LAKE	3516	PASSAIC	8	41 09	74 20	660		17				2
HACKENSACK	3572	BERGEN	4	40 53	74 03	10						C
HAMMONTON 2 NNE	3662	ATLANTIC	7	39 39	74 48	85	25	51				1 2 3
HIGH POINT PARK	3935	SUSSEX	2	41 18	74 40	1600	1	1				1 2 3
HIGHTSTOWN 1 N	3951	MERCER	10	40 16	74 31	100	61	64				1 2 3
HIGHTSTOWN PUMPING STATION	3956	MERCER	10	40 17	74 32	75						C
INDIAN MILLS 2 W	4229	BURLINGTON	7	39 48	74 47	100	67	68				1 2 3
IRVINGTON	4260	ESSEX	1	40 43	74 15	120		18				2 C
JERSEY CITY	4339	HUDSON	1	40 44	74 04	135	59	59				1 2 3
LAKEWOOD 2 ENE	4627	OCEAN	1	40 06	74 11	54	53	53			JULY	1 2 3 C
LAMBERTVILLE	4635	HUNTERDON	2	40 22	74 57	75	70	70				1 2 3
LAURELTON 1 E	4700	OCEAN	1	40 04	74 07	20	53	53				1 2 3 C
LAYTON 3 NW	4735	SUSSEX	2	41 15	74 51	480	56	56				1 2 3
LEESBURG STATE FARM	4762	CUMBERLAND	6	39 14	74 58	10	7	7				1 2 3
LITTLE FALLS 1 E	4887	PASSAIC	8	40 53	74 14	157	43	54				1 2 3 C
LONG BRANCH	4987	MONMOUTH	1	40 18	73 59	34	49	49				1 2 3 C
LONG VALLEY	5003	MORRIS	10	40 48	74 46	660	27	27				1 2 3
LUMBERTON	5055	BURLINGTON	2	39 58	74 48	25						C
MACOPIN INTAKE	5971	PASSAIC	8	41 01	74 24	584		17				2
MAHWAH	5104	BERGEN	8	41 06	74 10	253		1				2
MANVILLE	5197	SOMERSET	10	40 33	74 34	50		17				2
MARLBORO SCS	5244	MONMOUTH	1	40 20	74 14	120						C
MARLTON 1 W	5252	BURLINGTON	2	39 54	74 57	90		16				2
MAYS LANDING	5346	ATLANTIC	3	39 27	74 44	50		13				2
MIDLAND PARK	5503	BERGEN	1	40 59	74 09	210		11				2
MILLVILLE	5576	CUMBERLAND	6	39 24	75 03	60	1	17				1 2 3 C
MILLVILLE AIRPORT	5581	CUMBERLAND	6	39 22	75 04	68	10	10			MAR	1 2 3
MILTON	5597	MORRIS	8	41 01	74 32	950		17				2
MOORESTOWN	5728	BURLINGTON	2	39 58	74 58	55	94	94				1 2 3
MORRIS PLAINS	5769	MORRIS	8	40 50	74 30	500	12	16				1 2 3
NEWARK WB AIRPORT	6026	ESSEX	1	40 42	74 10	11	58	103				1 2 3 C
NEW BRUNSWICK EXP STATION	6062	MIDDLESEX	10	40 28	74 26	80	100	103				1 2 3 G
NEW MILFORD	6146	BERGEN	4	40 57	74 02	12		39				2 C
NEWTON	6177	SUSSEX	2	41 03	74 45	565	74	74				1 2 3 C
OAK RIDGE RESERVOIR	6460	PASSAIC	8	41 02	74 30	870		17				
OLDWICK	6544	HUNTERDON	10	40 40	74 45	260		1				2
ORANGE	6560	ESSEX	8	40 47	74 14	140		17				2 C
PATERSON	6775	PASSAIC	8	40 55	74 09	100	87	86				1 2 3
PEMBERTON 3 E	6843	BURLINGTON	2	39 58	74 38	60	28	28				1 2 3
PHILLIPSBURG	6974	WARREN	2	40 41	75 12	182	66	74				1 2 3
PHILLIPSBURG BRIDGE	6979	WARREN	2	40 42	75 12	196		18				2
PLAINFIELD	7079	UNION	10	40 36	74 25	120	66	69				1 2 3
PLEASANT RUN	7123	HUNTERDON	10	40 34	74 48	140		1				2
PLEASANTVILLE 1 N	7131	ATLANTIC	1	39 25	74 31	8	34	59	34			1 2 3 4
PRINCETON WATER WORKS	7328	MERCER	10	40 19	74 40	90		9				2
RAHWAY	7393	UNION	9	40 36	74 15	20		18				2 C
RIDGEFIELD	7545	BERGEN	4	40 50	74 01	80	40	40				1 2 3
RINGWOOD	7587	PASSAIC	8	41 08	74 16	305		17				2
RUNYON	7825	MIDDLESEX	1	40 26	74 20	18	33	34	34			1 2 3 4
SANDY HOOK LBSTA	7869	MONMOUTH	1	40 28	74 01	22	59	59				1 2 3
SOMERVILLE	8194	SOMERSET	10	40 34	74 37	75	71	74				1 2 3
SPLIT ROCK POND	8402	MORRIS	8	40 58	74 28	800		17				2
SPRINGFIELD	8423	UNION	1	40 43	74 18	-						C
SUSSEX 3 N	8644	SUSSEX	5	41 14	74 35	530	59	62				1 2 3
SWEDESBORO S NW	8685	GLOUCESTER	2	39 47	75 24	10		11				2
TOMS RIVER	8816	OCEAN	1	39 57	74 14	10		36				2
TRANQUILLITY 2 W	8858	WARREN	2	40 57	74 50	551						C
TRENTON 2	8878	MERCER	2	40 14	74 46	105	27	27				1 2 3
#TRENTON WB CITY	8883	MERCER	2	40 13	74 46	56	85	85				1 2 3 C
†TUCKERTON	8899	OCEAN	1	39 36	74 20	10	57	62				1 2 3
VINELAND	9135	CUMBERLAND	6	39 29	75 00	110	59	77				2
WANAQUE RAYMOND DAM	9187	PASSAIC	8	41 03	74 18	320		17				2 C
WATCHUNG	9271	UNION	8	40 40	74 25	-						C
WERTSVILLE	9363	HUNTERDON	10	40 27	74 48	160		1				2
#WESTFIELD	9455	UNION	9	40 39	74 21	138		18				2 C
WOODCLIFF LAKE	9832	BERGEN	4	41 01	74 03	103		39				2 C
†WOODSTOWN S WSW	9910	SALEM	2	39 38	75 25	30	9	19			INAC	1 2 3

‡ 1-COASTAL: 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at the Weather Bureau Office, % General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

Climatological divisions, outlined on the maps in this bulletin became effective with data for September 1958.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1831-1855.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

- \- No record.
- \+ Also later date (dates) or months.
- * Amount included in following measurement.
- \# Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- B Adjusted to a full month.
- C Data for recorder stations denoted by "C" in the Refer to Tables column of the Station Index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder - only stations may be found in the annual issue of "Hourly Precipitation Data".
- E Amount is wholly or partially estimated.
- G In the "Refer to Tables" column of the Station Index the letter "G" indicates that soil temperatures are published.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1855 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks, and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 3/5/58 --- 850

UNIVERSITY OF ILLINOIS-URBANA
3 0112 084237962